Cerner

June 22, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Amit Manna (AM095701)** ("Intern") has undertaken internship project from our organization **Cerner Healthcare Solutions India Private Limited** ("Company") from **March 7, 2022** under the managerial guidance of S, Palaniappan, Senior Manager, Software Engineering.

During the internship, Intern has undertaken project **"Appointment Management System - AMS"** under the mentor guidance of **Souvik Saha, Software Engineer III** and the project report is being submitted to **Heritage Institute of Technology, Kolkata** by **Amit Manna (12619010005)** in partial fulfillment for awarding degree of **Master of Computer Applications**.

Yours sincerely,
For **Cerner Healthcare Solutions India Private Limited**

Vivek Naik
Senior Manager, HR Service Center

For all future queries contact the HR Service Center with associate ID at https://hrservicecenter.cerner.com or utilize QR code for easy access. Please allow up to 72 business hours for a response.

To utilize the QR code for easy mobile access, please download a QR code reader onto your smart mobile device.

Cerner

June 22, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Sachin Agarwal (SA095725)** ("Intern") has undertaken internship project from our organization **Cerner Healthcare Solutions India Private Limited** ("Company") from **March 7, 2022** under the managerial guidance of **S, Palaniappan, Senior Manager**.

During the internship, Intern has undertaken project "**Appointment Management System AMS**" under the mentor guidance of **Souvik Saha, Software Engineer III** and the project report is being submitted to **Heritage Institute of Technology** by Sachin Agarwal **(12619010040)** in partial fulfillment for awarding degree of **MCA**.

Yours sincerely,
For **Cerner Healthcare Solutions India Private Limited**
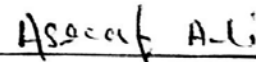
Vivek Naik
Senior Manager, HR Service Center

For all future queries contact the HR Service Center with associate ID at https://hrservicecenter.cerner.com or utilize QR code for easy access. Please allow up to 72 business hours for a response.

To utilize the QR code for easy mobile access, please download a QR code reader onto your smart mobile device.

CERTIFICATE FROM SUPERVISOR

This is to certify that **Ms. ANKITA DEY** has successfully completed the project titled **"MOTOROLA E-COMMERCE WEBSITE USING REACT JS"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**
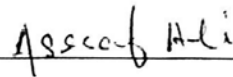
Asraf Ali

ASHRAF ALI

Senior Project Engineer, Ardent Software

Date: 04/07/2022

ARDENT COMPUTECH PVT. LTD.
KOLKATA

CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. RAJDEEP DAS** has successfully completed the project titled **"MOTOROLA E-COMMERCE WEBSITE USING REACT JS"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**
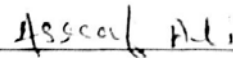
Ashraf Ali

ASHRAF ALI

Senior Project Engineer, Ardent Software

Date: 04/07/2022

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CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. SAIKAT BISWAS** has successfully completed the project titled **"MOTOROLA E-COMMERCE WEBSITE USING REACT JS"** under my supervision during the period from **19-02-2022** to **10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**
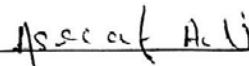
Asscal Ali

ASHRAF ALI

Senior Project Engineer, Ardent Software

Date: 04/07/2022

KOLKATA
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CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. SOMESH DAS** has successfully completed the project titled **"MOTOROLA E-COMMERCE WEBSITE USING REACT JS"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Ashraf Ali

ASHRAF ALI

Senior Project Engineer, Ardent Software

Date: 04/07/2022

ARDENT COMPUTECH PVT. LTD.
KOLKATA

CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. DWIP HAZRA** has successfully completed the project titled **"SHOPKART"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Pallabi Saha
Senior Project Engineer, Ardent Software

Date: 25/06/2022

To Whom It May Concern

This is to certify that Arghyadeep Banerjee, a student of HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed the Internship Program at Ardent Computech Pvt. Ltd. on FULL STACK WEB DEVELOPMENT USING MERN STACK and implemented the project titled ROOMKHOJO from 03/Mar/2022 to 02/Jul/2022.

During the internship period, we found the overall performance and conduct was outstanding in all the projects that was assigned. Arghyadeep Banerjee was punctual and hardworking.

Best wishes from Ardent Computech Pvt Ltd.

Thanks and Regards,

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD
Date: 02/Jul/2022

Ardent
Computech
Pvt. Ltd.
Verified

Microsoft
Technology Associate
AUTODESK
ASD
UDYOG AADHAR
MSME
ISO

Module No-132, Gr. Floor, SDF Building, Sector-V, Salt Lake, Kolkata- 700091
🌐 **www.ardentcollaborations.com**

"Knowledge is power, Power leads to growth, growth is life"

To Whom It May Concern

This is to certify that Debabrata Maity, a student of HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed the Internship Program at Ardent Computech Pvt. Ltd. on FULL STACK WEB DEVELOPMENT USING MERN STACK and implemented the project titled ROOMKHOJO from 03/Mar/2022 to 02/Jul/2022.

During the internship period, we found the overall performance and conduct was outstanding in all the projects that was assigned. Debabrata Maity was punctual and hardworking.

Best wishes from Ardent Computech Pvt Ltd.

Thanks and Regards,

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD
Date: 02/Jul/2022

Ardent
Computech
Pvt. Ltd.
Verified

Microsoft
Technology Associate   AUTODESK   ASD   UDYOG AADHAR MSME   ISO

ARDENT
COMPUTECH PVT. LTD.
High-End Technology Training and Project

"Knowledge is power, Power leads to growth, growth is life"

To Whom It May Concern

This is to certify that Iti Bera, a student of HERITAGE INSTITUTE OF TECHNOLOGY has successfully completed the Internship Program at Ardent Computech Pvt. Ltd. on FULL STACK WEB DEVELOPMENT USING MERN STACK and implemented the project titled ROOMKHOJO from 03/Mar/2022 to 02/Jul/2022.

During the internship period, we found the overall performance and conduct was outstanding in all the projects that was assigned. Iti Bera was punctual and hardworking.

Best wishes from Ardent Computech Pvt Ltd.

Thanks and Regards,

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD
Date: 02/Jul/2022

Ardent
Computech
Pvt. Ltd.
Verified

Microsoft
Technology Associate

AUTODESK

ASD

UDYOG AADHAR
MSME

ISO

Module No-132, Gr. Floor, SDF Building, Sector-V, Salt Lake, Kolkata- 700091
🌐 **www.ardentcollaborations.com**

To Whom It May Concern

This is to certify that ABHISHEK KUMAR SOREN has completed the project titled ONLINE CANTEEN MANAGEMENT SYSTEM under the guidance of the technical team of Ardent Computech Pvt. Ltd. from 07/Mar/2022 to 06/Jun/2022.

We observed that the work met all the given requirements and we appreciate the sincere learning. The performance and conduct during the training and internship is outstanding. Our best wishes for all the future endeavours.

Thanks and Regards,

R De Sarkar

Digitally Signed on 202 78.235.4-220617065946

Rajmohan De Sarkar
Director - Technology Services
Ardent Computech Pvt. Ltd. (ISO 9001:2015 Company)

Date: 06/Jun/2022
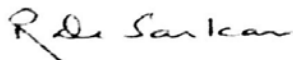
To Whom It May Concern

This is to certify that PRASENJIT KUMAR MANDAL has completed the project titled ONLINE CANTEEN MANAGEMENT SYSTEM under the guidance of the technical team of Ardent Computech Pvt. Ltd. from 07/Mar/2022 to 06/Jun/2022.

We observed that the work met all the given requirements and we appreciate the sincere learning. The performance and conduct during the training and internship is outstanding. Our best wishes for all the future endeavours.

Thanks and Regards,

R De Sarkar

Digitally Signed on 45.112.68.30-220701062002

Rajmohan De Sarkar
Director - Technology Services
Ardent Computech Pvt. Ltd. (ISO 9001:2015 Company)

Date: 06/Jun/2022

To Whom It May Concern

This is to certify that Malay Ranjan Jena has completed the project titled ONLINE CANTEEN MANAGEMEANT SYSTEM under the guidance of the technical team of Ardent Computech Pvt. Ltd. from 07/Mar/2022 to 06/Jun/2022.

We observed that the work met all the given requirements and we appreciate the sincere learning. The performance and conduct during the training and internship is outstanding. Our best wishes for all the future endeavours.

Thanks and Regards,

Digitally Signed on 157 41 0 200-220617071643
Rajmohan De Sarkar
Director - Technology Services
Ardent Computech Pvt. Ltd. (ISO 9001:2015 Company)

Date: 06/Jun/2022

To Whom It May Concern

This is to certify that kishor Mohanty has completed the project titled ONLINE CANTEEN MANAGEMENT SYSTEM under the guidance of the technical team of Ardent Computech Pvt. Ltd. from 07/Mar/2022 to 06/Jun/2022.

We observed that the work met all the given requirements and we appreciate the sincere learning. The performance and conduct during the training and internship is outstanding. Our best wishes for all the future endeavours.

Thanks and Regards,

R De Sarkar

Digitally Signed on 157 40 229 8-220629035309

Rajmohan De Sarkar
Director - Technology Services
Ardent Computech Pvt. Ltd. (ISO 9001:2015 Company)

Date: 06/Jun/2022

☎ 033 4007 3507
✉ training@ardentcollaborations.com
🌐 WWW.ARDENTCOLLABORATIONS.COM
📍 Module No-132, Gr. Floor, SDF Building, Sector-V, Salt Lake, Kolkata-700091

CERTIFICATE FROM SUPERVISOR

This is to certify that **Ms AMRITA GHOSH** has successfully completed the project titled **"E-COMMERCE WEBSITE USING REACT JS"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Ashraf Ali

ASHRAF ALI

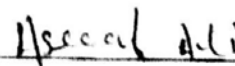*Senior Project Engineer, Ardent Software*

Date: 04/07/2022

CERTIFICATE FROM SUPERVISOR

This is to certify that **Ms. SAYANTIKA MAJUMDER** has successfully completed the project titled **"E-COMMERCE WEBSITE USING REACT JS"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Ashraf Ali

ASHRAF ALI

Senior Project Engineer, Ardent Software

Date: 04/07/2022

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CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. DRONIK MAJUMDER** has successfully completed the project titled **"E-COMMERCE WEBSITE USING REACT JS"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Asraf Ali

ASHRAF ALI
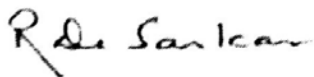*Senior Project Engineer, Ardent Software*

Date: 04/07/2022

To Whom It May Concern

This is to certify that ALIK SARKAR has completed the project titled "E-COMMERCE SALES DATA ANALYSIS" under the guidance of the technical team of Ardent Computech Pvt. Ltd. from 11/Feb/2022 to 11/Jun/2022.

We observed that the work met all the given requirements and we appreciate the sincere learning. The performance and conduct during the training and internship is outstanding. Our best wishes for all the future endeavours.

Thanks and Regards,

R De Sarkar

Digitally Signed on 47.11.200.1-220707110840
Rajmohan De Sarkar
Director - Technology Services
Ardent Computech Pvt. Ltd. (ISO 9001:2015 Company)

Date: 11/Jun/2022

To Whom It May Concern

This is to certify that Agnishwar has completed the project titled "E-COMMERCE SALES DATA ANALYSIS" under the guidance of the technical team of Ardent Computech Pvt. Ltd. from 11/Feb/2022 to 11/Jun/2022.

We observed that the work met all the given requirements and we appreciate the sincere learning. The performance and conduct during the training and internship is outstanding. Our best wishes for all the future endeavours.

Thanks and Regards,

R.D. Sarkar

Digitally Signed on 103.59.72.24-220709034422
Rajmohan De Sarkar
Director - Technology Services
Ardent Computech Pvt. Ltd. (ISO 9001:2015 Company)

Date: 11/Jun/2022

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⊕ WWW.ARDENTCOLLABORATIONS.COM
📍 Module No-132, Gr. Floor, SDF Building, Sector-V, Salt Lake, Kolkata-700091

This is to certify that Mrs. Aritrika Banerjee (Employee Number: 23216917, User ID: abanerjee54) studying Master of Computer Application in Heritage Institute of Technology ,Kolkata has done project work in company on
"E-Procurement Portal for Government of Karnataka" using Java and Angular for Fidelis Corporate Solutions Pvt. Ltd under the managerial guidance of Nagarajappa Mylarappa Pachapare and the mentor guidance of Harsha Vardhan H.N(Design Lead) and Shyam Ailene(Tech Lead) .she has undergone Industrial Training in our organization during a period from March, 2022 till date.

The above software is sole property of Fidelis Corporate Solutions Pvt. Ltd. Student has no copyrights on the same. Hence no listing of source code or any other data related to client will be enclosed with the project report.

We appreciate the efforts taken by her for the project Development and also extend our best wishes for his future endeavor.

For,
Fidelis Corporate Solutions Pvt. Ltd.,

Udaya B M
Sr. Manager HR

This is to certify that Mrs. Megha Pal (Employee Number:23216918,User ID: mpal29) studying Master of Computer Application in Heritage Institute of Technology ,Kolkata has done project work in company on
"E-Procurement Portal for Government of Karnataka" using Java and Angular for Fidelis Corporate Solutions Pvt. Ltd under the managerial guidance of Nagarajappa Mylarappa Pachapare and the mentor guidance of Harsha Vardhan ILN(Design Lead) and Shyam Allene(Tech Lead) .she has undergone Industrial Training in our organization during a period from March,2022 till date.

The above software is sole property of Fidelis Corporate Solutions Pvt. Ltd. Student has no copyrights on the same. Hence no listing of source code or any other data related to client will be enclosed with the project report.

We appreciate the efforts taken by her for the project Development and also extend our best wishes for his future endeavor.

For,
Fidelis Corporate Solutions Pvt. Ltd.,

Udaya B M
Sr. Manager HR

This is to certify that Mr. Pratik Roy (Employee Number:23216954 ,User ID: proy46) studying Master of Computer Application in Heritage Institute of Technology ,Kolkata has done project work in company on

"E-Procurement Portal for Government of Karnataka" using Java and Angular for Fidelis Corporate Solutions Pvt. Ltd under the managerial guidance of Nagarajappa Mylarappa Pachapare and the mentor guidance of Harsha Vardhan ILN(Design Lead) and Shyam Ailene(Tech Lead) ,she has undergone Industrial Training in our organization during a period from March,2022 till date.

The above software is sole property of Fidelis Corporate Solutions Pvt. Ltd. Student has no copyrights on the same. Hence no listing of source code or any other data related to client will be enclosed with the project report.

We appreciate the efforts taken by her for the project Development and also extend our best wishes for his future endeavor.

For,
Fidelis Corporate Solutions Pvt. Ltd.,

Udaya B M
Sr. Manager HR

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CERTIFICATE FROM SUPERVISOR

This is to certify that **Ms. VIDISHA AGARWAL** has successfully completed the project titled **"EDUCATION APP (ARDENT)"** under my supervision during the period from **11-02-2022 to 11-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

PALLABI SAHA

Senior Project Engineer, Ardent Software

Date: 06/07/2022

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Sector-V, Salt Lake, Kolkata-700091
Phone 033 4007 3507
Mobile : +91 96744 89000 / 96747 35470
Email : ardent.kolkata@gmail.com

CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. ROUNAK MANNA** has successfully completed the project titled **"EDUCATION APP (ARDENT)"** under my supervision during the period from **11-02-2022 to 11-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

PALLABI SAHA

Senior Project Engineer, Ardent Software

Date: 06/07/2022

ARDENT COMPUTECH PVT. LTD.
KOLKATA

CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. SK. MD. AKIB** has successfully completed the project titled **"EDUCATION APP (ARDENT)"** under my supervision during the period from **11-02-2022 to 11-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**
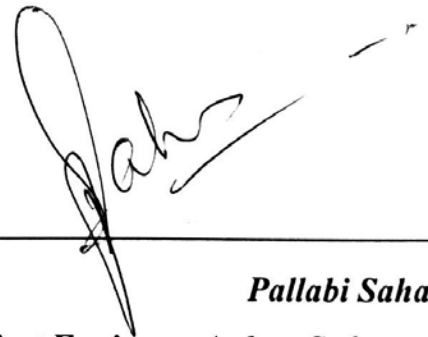
PALLABI SAHA

Senior Project Engineer, Ardent Software

Date: 06/07/2022

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CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. PRITAM BASU** has successfully completed the project titled **"STUDENT APP"** under my supervision during the period from **11-02-2022 to 02-07-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Pallabi Saha
Senior Project Engineer, Ardent Software

Date: 05/07/2022

CERTIFICATE FROM SUPERVISOR

This is to certify that **Miss. SWASTIKA DAS** has successfully completed the project titled **"STUDENT APP"** under my supervision during the period from **11-02-2022 to 02-07-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Pallabi Saha
Senior Project Engineer, Ardent Software

Date: 05/07/2022

Cerner

June 23, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Dipanjan Patra (DP095702)** ("Intern") has undertaken internship project from our organization **Cerner Healthcare Solutions India Private Limited** ("Company") from **Monday, March 07, 2022** under the managerial guidance of **Palaniappan S (Senior Manager, Software Engineering)**.

During the internship, Intern has undertaken project "**Pharmacy Management System PMS**" under the mentor guidance of **Sabyasachi Pain (Software Engineer IV)** and the project report is being submitted to **Heritage Institute of Technology, Kolkata** by **Dipanjan Patra (12619010018)** in partial fulfillment for awarding degree of **Master of Computer Applications**.

Yours sincerely,
For **Cerner Healthcare Solutions India Private Limited**

Vivek Naik
Senior Manager, HR Service Center

For all future queries contact the HR Service Center with associate ID at https://hrservicecenter.cerner.com or utilize QR code for easy access. Please allow up to 72 business hours for a response.

To utilize the QR code for easy mobile access, please download a QR code reader onto your smart mobile device.

LEXPLOSION

July 07, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Souvik Das**, a student pursuing the final year of MCA from Heritage Institute

Of Technology , with Autonomous Roll NO: 12619010054, has been associated with us from 8th

March'2022 as an intern for the period March 2022 to July 2022.

During the Internship period, he was involved in a Project

Title   : *Automation of Legal Updates*

Project Brief : *Created an MVC project and where in the Backend the data collection from various website was Implemented using Web scraping Technique and Showed the fetched data in the frontend along with the option of modifying/inserting the website Links in the application*

Mentor   : *Aditya Chaudhuri – Asst. Manager (Product Development)*

We found Souvik to be sincere, hardworking and a good team player. He will be an asset to any

organization he joins, and we wish him all the best for his future endeavors.

For **Lexplosion Solutions Pvt. Ltd.**

Sourav
Choudhary

Digitally signed by
Sourav Choudhary

Date: 2022.07.07
18:37:15 +05'30'

Authosied Signatory

LE✕PLOSION

July 07, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **B. Tejaswari**, a student pursuing the final year of MCA from Heritage Institute

Of Technology , with Autonomous Roll NO: 12619010015, has been associated with us from 8ᵗʰ

March'2022 as an intern for the period March 2022 to July 2022.

During the Internship period, she was involved in a project,

Title   :   *Automation of Legal Updates*

Project Brief   :   *Created an MVC project and where in the Backend the data collection from various website was Implemented using Web scraping Technique and Showed the fetched data in the frontend along with the option of modifying/inserting the website Links in the application*

Mentor   :   *Aditya Chaudhuri – Asst. Manager (Product Development)*

We found Tejaswari to be sincere, hardworking and a good team player. She will be an asset to

any organization she joins, and we wish her all the best for her future endeavors.

For **Lexplosion Solutions Pvt. Ltd.**

Sourav
Choudhary

Digitally signed by Sourav
Choudhary
Date: 2022.07.07 18:36:34
+05:30

_____

Authorised Signatory
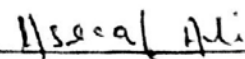
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CERTIFICATE FROM SUPERVISOR

This is to certify that **Ms. MASUMA JASMINE** has successfully completed the project titled **"SCHOOL MANAGEMENT SYSTEM"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Ashraf Ali

ASHRAF ALI
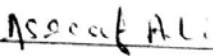
Senior Project Engineer, Ardent Software

Date: 04/07/2022

CERTIFICATE FROM SUPERVISOR

This is to certify that **Ms. SHALINI SINGH** has successfully completed the project titled **"SCHOOL MANAGEMENT SYSTEM"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

ASHRAF ALI

Senior Project Engineer, Ardent Software

Date: 04/07/2022

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CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. ARUNAVA DEY** has successfully completed the project titled **"SCHOOL MANAGEMENT SYSTEM"** under my supervision during the period from **19-02-2022 to 10-06-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Ashraf Ali

ASHRAF ALI

Senior Project Engineer, Ardent Software
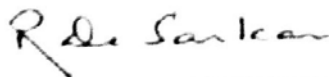
Date: 04/07/2022

To Whom It May Concern

This is to certify that Nikhil Arora has completed the project titled TWITTER SENTIMENT ANALYSIS under the guidance of the technical team of Ardent Computech Pvt. Ltd. from 11/Feb/2022 to 11/Jun/2022.

We observed that the work met all the given requirements and we appreciate the sincere learning. The performance and conduct during the training and internship is outstanding. Our best wishes for all the future endeavours.

Thanks and Regards.

R De Sarkar

Digitally Signed on 49.37.34.185-220706033706

Rajmohan De Sarkar
Director - Technology Services
Ardent Computech Pvt. Ltd. (ISO 9001:2015 Company)

Date: 11/Jun/2022
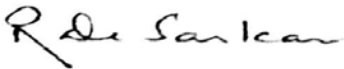
To Whom It May Concern

This is to certify that Sanju Manna has completed the project titled EKART WEB APPLICATION USING MERN under the guidance of the technical team of Ardent Computech Pvt. Ltd. from 01/Jul/2022 to 11/Aug/2022.

We observed that the work met all the given requirements and we appreciate the sincere learning. The performance and conduct during the training and internship is outstanding. Our best wishes for all the future endeavours.

Thanks and Regards,

R De Sarkar

Digitally Signed on 110.224.16.120-220711114919

Rajmohan De Sarkar
Director - Technology Services
Ardent Computech Pvt. Ltd. (ISO 9001:2015 Company)
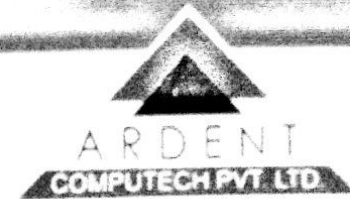
Date: 11/Aug/2022

INDUSTRIAL INTERNSHIP CERTIFICATE

ARDENT
COMPUTECH PVT. LTD

This certificate is awarded to

SANJU MANNA

of

HERITAGE INSTITUTE OF TECHNOLOGY

for successfully completing the Industrial Internship on

FULL STACK WEB DEVELOPMENT USING MERN STACK

from 03/Mar/2022 to 02/Jul/2022

Ardent
Computech
Pvt. Ltd
Verified

Microsoft
Technology Associate

ASD

MSME

ISO

N E A T
National Educational Alliance for Technology

Director
Technology Services

Director
Operations

This is to certify that **Samrat Saha**(Intern) has undertaken internship project from our organization **Keross Research & Development Center Private Limited** (Company) from March 7th, 2022 under the supervision of **Saranik Dey** (Team Lead).
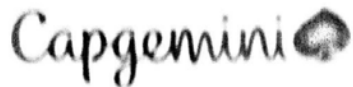
During the internship, Intern has undertaken project **"Digital Project Management System"** under the mentor guidance of **Saranik Dey** and the project report is being submitted to **Heritage Institute of Technology, Kolkata** by **Samrat Saha (21619010042)** in fulfillment for awarding degree of Master of Computer Applications.

Signature of Mentor

Saranik Dey

(Mr Saranik Dey)

Team lead, Keross Research and

Development Center Private Limited

Capgemini ♠

May 7, 2022   <u>Capgemini/HR/AG</u>

<u>TO WHOMSOEVER IT MAY CONCERN</u>

This is to certify that **Tiasha Majhee** has successfully completed internship remotely on **JEE Abridged** from **1/24/2022** to **4/21/2022**.

Tiasha Majhee interned under the guidance of **Kavita Arora**. The performance was found to be satisfactory.

We wish **Tiasha Majhee** all the best for all future endeavors.

Yours Truly,
For **Capgemini Technology Services India Limited**

Arunkumar Gopalakrishnan
Senior Director – Human Resource

BIT CANNY
TECHNOLOGIES
Technology & Creativity

Address: 7/1 Lord Sinha Rd.,
Lords build no, Room No. 301,
Kolkata 700071
Phone: +91-33-4006-6078
Website: www.bitcanny.com

July 6th, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Prem Chand Jaiswal** ("Intern") has undertaken an internship project from our organisation **Bitcanny Technologies pvt ltd** ("Company") from **May 10th, 2022** under the managerial guidance of **Narendra Thapa(Delivery manager)** and it will continue till September 10th, 2022.

During the internship, the intern has undertaken the project "**Implementing Amazon FSX for Windows File Server**" under the mentor guidance of **Poulami Chakraborty (Software Engineer Team Lead)** and the project report is being submitted to **Heritage Institute of Technology, Kolkata** by Prem Chand Jaiswal **(12619010032)** in partial fulfilment for awarding degree of **Master Of Computer Applications**.

Yours sincerely,
For Bitcanny Technologies Pvt ltd

Narendra Thapa
Delivery Manager

nevaeh

Building Partnership, Creating Value

July 7th 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Oendrila Nath & Mr. Tanmay Guchhait (Interns) has undertaken internship project from our organization Nevaeh Technology Pvt Ltd from March 7th 2022.

During the internship, interns has undertaken a group project "SETTING UP A SERVER-CLIENT COMMUNICATION ARCHITECTURE USING SOCKET PROGRAMMING IN C++ "under the mentor guidance of Mr. Sudhir Kumar Mallick and the project report is being submitted to Heritage Institute of Technology, Kolkata by Ms Oendrila Nath (Roll No – 12619010029) & Mr. Tanmay Guchait (Roll No – 12619010056) in partial fulfillment of awarding degree of Master of Computer Application.

Yours sincerely,

For Nevaeh Technology Pvt. Ltd.

(Sr. Executive- HR)

BONAFIDE CERTIFICATE

Certified that this project report "**Making a Calendar Application using IKON Platform**" is the bonafide work of **Soham Chakraborty (Roll No: 12609010051)** who carried out the project work under my supervision.
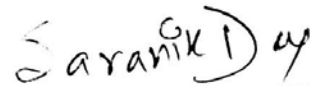
Signature of HOD
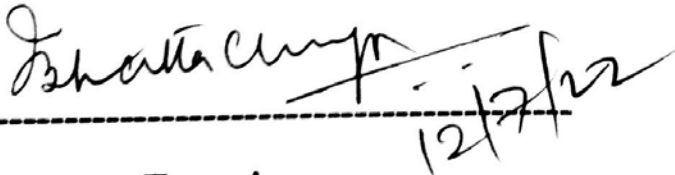
Signature of MENTOR

Saranik Dey

(Prof. Dr. Souvik Basu)

(Mr. Saranik Dey)

HOD, Master of Computer Applications

Team Lead, Keross Research And
Development Center Private Limited

Dr. Souvik Basu
Head
Department of Computer Applications
Heritage Institute of Technology, Kolkata

12/7/22

Examiner

RankTech Solutions Pvt. Ltd.

INTERNSHIP CERTIFICATE

Date: 07 July 2022

To whom it may Concern

This is to certify that Ms. Anwesha Pal, a student at Heritage Institute of Technology is serving as an Intern in RankTech Solutions Pvt Ltd., from 07th March 2022 till date and she has done a project on "e-Commerce App" under the guidance of Mr. Arun Kumar Chaudhury.

The project report is being submitted to Heritage Institute of Technology for awarding Master of Computer Application Degree (Batch 2019-2022).

We have found her to be a self-starter who is motivated and hardworking.

She worked sincerely on her assignments and her performance was par excellence.

We wish her good luck in her future endeavour.

For RankTech Solutions Pvt. Ltd.

K. P. Balakrishnan
VP - Commercial

This is to certify that (Intern) has undertaken internship project from our organization **Keross Research & Development Center Private Limited** (Company) from March 7th, 2022 under the supervision of SushmitaChakraborty(Team Lead).

During the internship, Intern has undertaken project "" under the mentor guidance of **Sushmita Chakraborty** and the project report is being submitted to **Heritage Institute of Technology, Kolkata** by Krishanu Sarkarin fulfillment for awarding degree of **Master of Computer Applications**.

Signature of Mentor

Sushmitachakraborty

(Miss Sushmita Chakraborty)

Team lead, Keross Research and

Development Center Private Limited

Cerner

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Saurav Kumar Jha (SJ095711)** ("Intern") has undertaken internship project from our organization **Cerner Healthcare Solutions India Private Limited** ("Company") from **7th March 2022** under the managerial guidance of **S. Palaniappan, Senior Manager, Software Engineering**.

During the internship, Intern has undertaken project "**Clinic Consultancy Management**" under the mentor guidance of **Abhi Bhowmick, Software Engineer IV** and the project report is being submitted to **Heritage Institute of Technology, Kolkata** by **Saurav Kumar Jha (12619010044)** in partial fulfillment for awarding degree of **Master Of Computer Applications**.

Yours sincerely,
For **Cerner Healthcare Solutions India Private Limited**

Vivek Naik
Senior Manager, HR Service Center

For all future queries contact the HR Service Center with associate ID at https://hrservicecenter.cerner.com or utilize QR code for easy access. Please allow up to 72 business hours for a response.

To utilize the QR code for easy mobile access, please download a QR code reader onto your smart mobile device.

udemy

CERTIFICATE OF COMPLETION

Salesforce Development Project

Instructors **Amit Singh**

Project Title : Event Management System

Amit Singh

Sr. Software Engineer

Angadraj Singh

Date **July 7, 2022**

ûdemy

CERTIFICATE OF COMPLETION

Salesforce Development Project

Instructors **Amit Singh**

Project Title : Event Management System

Amit Singh

Sr. Software Engineer

Varsha Keshri

Date **July 7, 2022**

RankTech Solutions Pvt. Ltd.

INTERNSHIP CERTIFICATE

Date: 07 July 2022

To whom it may Concern

This is to certify that Mr. Snehasish Paul, a student at Heritage Institute of Technology is serving as an Intern in RankTech Solutions Pvt Ltd., from 07th March 2022 till date and he has done a project on "Vinus Web App" under the guidance of Mr. Vivekananda Dey.

The project report is being submitted to Heritage Institute of Technology for awarding Master of Computer Application Degree (Batch 2019-2022).

We have found him to be a self-starter who is motivated and hardworking.

He worked sincerely on his assignments and his performance was par excellence.

We wish him good luck in his future endeavour.

For RankTech Solutions Pvt. Ltd.

K.P. Balakrishnan
VP - Commercial

RankTech Solutions Pvt. Ltd.

INTERNSHIP CERTIFICATE

Date: 07 July 2022

To whom it may Concern

This is to certify that Mr. Arif Khan, a student at Heritage Institute of Technology is serving as an Intern in RankTech Solutions Pvt Ltd., from 07th March 2022 till date and he has done a project on "Vinus" V-Insurance Android Application under the guidance of Mr. Vivekananda Dey and Mr. Ankit Kumar.

The project report is being submitted to Heritage Institute of Technology for awarding Master of Computer Application Degree (Batch 2019-2022).

We have found him to be a self-starter who is motivated and hardworking.

He worked sincerely on his assignments and his performance was par excellence.

We wish him good luck in his future endeavour.

For RankTech Solutions Pvt. Ltd.

K.P. Balakrishnan
VP - Commercial

ARDENT®
COMPUTECH PVT. LTD.

www.ardentcollaborations.com
An ISO 9001 2015 Certified Company

Module No-132, Gr. Floor, SDF Building
Sector-V, Salt Lake, Kolkata-700091
Phone 033 4007 3507
Mobile : +91 96744 89000 / 96747 35470
Email : ardent.kolkata@gmail.com

CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. SOUMYADEEP GHANTA** has successfully completed the project titled **"DOCTOR CONSULTATION SYSTEM"** under my supervision during the period from **29-03-2022 to 05-07-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**
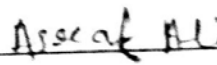
Ashraf Ali

ASHRAF ALI

Senior Project Engineer, Ardent Software

Date: 07/07/2022

CERTIFICATE FROM SUPERVISOR

This is to certify that **Mr. AKASH PRAMANIK** has successfully completed the project titled **"DOCTOR CONSULTATION SYSTEM"** under my supervision during the period from **29-03-2022 to 05-07-2022** which is in partial fulfilment of requirements for the award of **Master of Computer Applications** degree and submitted to Computer Applications Department of **THE HERITAGE INSTITUTE OF TECHNOLOGY.**

Assraf Ali

ASHRAF ALI

Senior Project Engineer, Ardent Software

Date: 07/07/2022

Department of Computer Applications

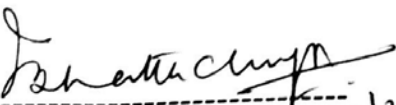# Heritage Institute of Technology

Celebrating 20 years

BONAFIDE CERTIFICATE

Certified that the project report entitled "Post Diasaster Need Assessment Using Blockchain Technology" is the bona fide work of,

Emmedisetti Shalini (12619010020)

of the Department of Computer Applications, Heritage Institute of Technology

EXAMINER   12/7/22

**HEAD,
DEPARTMENT OF
COMPUTER APPLICATIONS**

Dr. Souvik Basu
Head
Department of Computer Applications
Heritage Institute of Technology, Kolkata

To Whom It May Concern

This is to certify that Twinkle Kumari, a student of HERITAGE INSTITUTE OF TECHNOLOGY KOLKATA has successfully completed the Internship Program at Ardent Computech Pvt. Ltd. on FULL STACK WEB DEVELOPMENT USING MERN STACK and implemented the project titled from 03/Mar/2022 to 02/Jul/2022.

During the internship period, we found the overall performance and conduct was outstanding in all the projects that was assigned. Twinkle Kumari was punctual and hardworking.

Best wishes from Ardent Computech Pvt Ltd.

Thanks and Regards,

INDRANIL DE SARKAR
Director-HR
ARDENT COMPUTECH PVT LTD
Date: 02/Jul/2022

Ardent
Computech
Pvt. Ltd.
Verified

Microsoft
Technology Associate
AUTODESK
MSME

To Whom It May Concern

This is to certify that PRITHVI ROY has completed the project titled   under the guidance of the technical team of Ardent Computech Pvt. Ltd. from 11/Feb/2022 to 11/Jun/2022.

We observed that the work met all the given requirements and we appreciate the sincere learning. The performance and conduct during the training and internship is outstanding. Our best wishes for all the future endeavours.

Thanks and Regards,

R De Sarkar

Digitally Signed on 103.87.141.251-220710015958

Rajmohan De Sarkar
Director - Technology Services
Ardent Computech Pvt. Ltd. (ISO 9001:2015 Company)

Date: 11/Jun/2022