Mahak Makharia

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EDUCATION

IEM KOLKATA
B.TECH IN CSE
Expected Jun 2022 | SGPA: 9.41/10

COURSE WORK

CURRICULUM COURSES
• Data Structures • Algorithms
• Discrete Maths

ONLINE COURSES
• Front-End Development using plain HTML & CSS - **Udemy**
• Complete React Developer - **Udemy**
• Adobe After Effects - **Udemy**

SKILLS

PROFICIENT LANGUAGES
• HTML/CSS • Javascript
• ReactJS • Java

FAMILIAR LANGUAGES
• PHP/MySQL • Python • C++
• NodeJS • Ionic Framework

PROFICIENT SOFTWARES
• Figma • Adobe Photoshop
• Adobe Illustrator • Filmora
• Adobe After Effects

VOLUNTEERING

GDG & WTM Kolkata | Since May'19
Working with the team to organize weekly events, was a part of DevFest'19 team. I also help in designing posters and managing social media accounts whenever needed.

Innovacion : TechFest | Since Dec'18
Working with the team to help in organizing the various events of the annual fest along with bringing in sponsors and publicizing the event as a whole.

ACHIEVEMENTS

• Completed Hacktober Fest Challenge'19.
• **12th** in IEM's International English Olympiad 2019.
• Stood **21st** among **600** students in first semester(Dec'18) based on my SGPA.
• Stood **11th** in WWWIZARD, a state-level web designing contest, in Exorsa 6.0v.
• Awarded **Miss Tech Talker** title by my school on my farewell for my contibutions in the technical teams of my school.
• Stood **2nd** among science students in ISC board exams 2018. Was honoured for scoring **100%** in CS and Chemistry.
• Stood **2nd** among 150 students in ICSE board exams 2016. Was honoured for scoring **100%** in Computer Applications.

EXPERIENCE

Cookytech Technologies Pvt Ltd | WEB DEVELOPMENT INTERN
Dec'19 - Present | Kolkata, India & Remote
• Adding new features like coupon system, autoplaying videos in ReactPlayer, to an e-learning platform, **mastermentors.in,** built using ReactJS and Firebase.
• Learnt how to work on a web app in **production mode** and maintaining a git repository having multiple contributors.
• Building **cookytech.in**, their portfolio website; learning gulp.js & SCSS.

IEM - IEDC : Research Lab | JUNIOR RESEARCHER AND DEVELOPER
Feb'19 - Present | Kolkata, India & Remote
• The only web developer in the lab working with multiple teams to build multiple websites using her skills of Bootstrap, VanillaJS and Firebase.
• **Researching** on machine learning; how to integrate a model in web effectively.

SyetmOnSilicon Corporation | WEB DEVELOPEMENT INTERN
Jun'19 - Aug '19 | Remote
• Leveraged the skills : UI designing and front-end development to build modern portfolio websites for their various products like **mengoandrology.xyz**, **ritefood.xyz** & to improve on the existing web apps' & cross-platfrom app's UX.
• Learnt work ethics, approach for problem solving and farsightedness under the supervision of a person who has worked in the IT industry for 20+ years.

PROJECTS

E-COMMERCE STORE
• Making an e-commerce store to sell my design works & other works online.
• Learnt: ReactJS, Firebase & NodeJS

COLLEGESHALA
• Designed the logo and the responsive web UI & UX for this platform selling notes and books online, having an Q/A forum too for general study students.
• Helped them in **completing user flows** and creating a better user experinece in case of inconveniences and keeping users engaged.
• Leveraged knowledge: Logo designing, Figma, UI/UX designing.

ONLINE DATING GUI
• Made a GUI, for the first time using tkinter and connected it to MySQL.
• It lets you create an account, sign in into it, see the permissible details of other users, propose other users, accept proposals or reject them.
• Learnt how to break down a problem statement, **structuring** the database according to the needs and making queries.

POSITION OF RESPONSIBILITY

DSC IEM | CORE TEAM MEMBER | Since Sept'19
• Taking sessions to teach our members web development and UI designing.
• Handling social media accounts along with making graphics whenever needed.

IEM QUIZZARD CLUB | HEAD OF PUBLIC RELATIONS | Since Feb'20
• Had hosted a quiz themed on women in a 3 day event, IEM Womens' Era'19.
• Gathering questions and uploading them daily on our Facebook page.
• Encouraging more women to join the club as the current ratio is quite poor.

MBSV PRODUCTIONS | FOUNDER & CHIEF-EDITOR | May'15 - Apr'18
• Founded a club which shot videos, edited them and presented them in competitions for the first time in 70 years of it's existence that too in an all girls' school.
• Taught my juniors how to edit videos and present it infront of a jury.