

Md Mahin Arafat

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Summary

Currently a post-graduate student of Electrical and Computer Engineering at Ontario Tech University with 2 years of experience in web development with a strong understanding of software architecture, agile and scrum methodologies, JIRA, and Git. Motivated to work on digital transformation and innovation, software development life-cycle, cloud platform and looking for opportunities to grow.

Education

Ontario Tech University

Masters of Engineering in Electrical and Computer Engineering
CGPA 3.73/4.33

2022 - 2023

University of Malaya

Bachelor of CS in Computer Science (Software Engineering)
CGPA 3.24/4.0

2017 - 2021

Tools & Skills

- | | | | |
|-------------------|----------------------|---------------------|-------------------------|
| • Web development | • Heroku | • PHP | • PyCharm, PhpStorm |
| • Python, Django | • SQL, MySQL | • SUMO | • Photoshop, |
| • Java | • React.JS | • Eclipse | Lightroom, FCPX |
| • HTML, CSS, SCSS | • API | • jQuery | • Software Architecture |
| • Documentation | • Software Modelling | • Docker | and Modelling |
| • Git, Bitbucket | • IntelliJ | • JavaScript | • MS Office |
| • JIRA | • Bootstrap | • Agile Methodology | • Source Control |

Relevant Experience

Sirius App Messenger

Freelance Software Engineer

June 2022- Present

- Helping with making a robust code base for upcoming projects
- Using React.JS and APIs on development
- Integrating the codebase between frontend and the backend
- Learning client management and understanding responsibilities to shape the project

Strativ BD Limited

Junior Software Engineer

Jun 2021 - Dec 2021

- Worked on different web development projects
- Learned to work on client-based projects, and attended and dealt with multiple clients
- Utilized knowledge in SQL, Python, Django, and JavaScript
- Changed the entire theme and added functionalities for the internal ERP system

Saleduck Asia*Web Application Developer Intern*

Jan 2019 - Jan 2020

- Worked with the development and maintenance of various websites of Saleduck
- Worked in SASS, PHP, Laravel framework, HTML and CSS
- Used professional product management tools and developer tools like Bitbucket, Slack, Git, Docker etc.
- Learned the basics of backend development and database such as MySQL
- Followed and learned deeply and used the model, view and controller and used the components to maintain the system architecture

Strativ BD Limited*Software Engineering Summer Intern*

Jul 2018 - Sep 2018

- Participated in changing website designs according to the clients' requirements
- Learned how to make codes more effective and efficient using bootstrap tools

Projects

• Data Visualization (<i>Tableau, Python</i>)	2022
• Personal Portfolio Website (<i>Gatsby, JavaScript</i>)	2022
• Vehicle Movement Detection based on Device Movement (<i>Sumo, Python</i>)	2022
• Fire Hazard Detection System (<i>Fortran, Python</i>)	2022
• Car Rental and Vehicle Breakdown assistant (<i>Python, Django</i>)	2020
• Personal Finance System Website (<i>HTML, CSS, JavaScript, PHP, React.js</i>)	2018
• Minimum Spanning Tree Finder (<i>Python</i>)	2018
• Smart English Tutor (<i>Software Requirement Engineering</i>)	2018
• Trello Landing Page (<i>HTML, CSS, jQuery</i>)	2018
• Traffic Light System (<i>Machine Language</i>)	2017
• Number Guessing Game A.I. (<i>JAVA</i>)	2017
• Bank Management System (<i>JAVA</i>)	2017
• Personal Blog (<i>WordPress</i>)	2016