

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 | • Git, Bitbucket | • SUMO | • Software Architecture and Modelling |
| • Python, Django | • JIRA, Heroku, | • Agile Methodology, | • MS Office |
| • Java, JavaScript | • Bootstrap | • Photoshop, | • Source Control |
| • HTML, CSS, SCSS | • PHP | • Lightroom, FCPX | |

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
- 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
- Successfully worked in frontend development

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

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|---|------|
| • 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 |