MAHFUZUR RAHMAN EMON

Junior Software Engineer

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○ https://github.com/emon-swe-sust

PROFESSIONAL EXPERIENCE

Junior Software Engineer
Dynamic Solution Innovators

📅 March 2022 – Present   📍 Dhaka, Bangladesh

- Worked on Client Microservice of openCRVS Team. Contributed on Record Audit, Work Queue, Duplicate Records, Application Configuration, Team, Header, Component Library, Settings. Developed Left Navigation entirely.
- Worked on other microservices(User-Management, Api- Gateway) on small scale. Wrote unit tests, conducted code review.
- Taking part on building Resource Management System for DSi.
- **Technologies:** ReactJS, Angular, Typescript, HapiJS, GraphQL, Redux, Jest

Software Engineer Intern
Dynamic Solution Innovators

📅 September 2021 – February 2022   📍 Dhaka, Bangladesh

- Conducted bug fix on client microservice, worked on component library, user profile, form-field generator on openCRVS.
- **Technologies:** ReactJS, Typescript, HapiJS, GraphQL, Redux, MongoDB

PROJECTS

ClassPortal ⬀ – May, 2021

- A project for maintaining remote learning procedure both for theory and hands on laboratory activities. This system was developed on ITverse organized by DU IIT.
- Live Link ⬀
- Used **ReactJS, Django, PostgreSQL, Django Rest Api.**

FileHub ⬀ – June, 2021

- A simple tcp file server to share file among server and client.
- Used **Python socket** in network connection and tkinter for Gui

School Management System ⬀ – August, 2020

- This system was made based on the requirement of SUST School, to automate result processing, routine generation and academic activities.
- Used **ReactJS, Django, Postgresql, Django Rest Api**

Tracker ⬀ – September, 2019

- This tracker was made to track the current location of any vehicle from android devices, particularly we made this system for using in SUST Buses.
- Used **Java, C.**

EDUCATION

B.Sc in Software Engineering
Shahjalal University of Science and Technology, Sylhet
CGPA:3.87 (upto 4/1)

📅 2018 – present

SKILLS

Language
C, C++, Python, Java, JavaScript, Typescript

Web Dev
ReactJS, Angular, HapiJS, ExpressJS, GraphQL

Others
Git, Github, MongoDB

ACHIEVEMENTS

- Honorable mention at DU IIT Itverse, Made it to the top 7 team.
- Codeforces Specialist, solved 500+ problems on various online judge.

COURSEWORK

- Data Structures and Algorithms
- Object- Oriented Programming
- Software Engineering
- Artificial Intelligence
- Design Pattern
- Operating Systems
- Database Management Systems

ORGANIZATIONS

General Secretary
SWE Society, SUST

📅 02/2022 – Present

Assistant General Secretary
SWE Society, SUST

📅 11/2019 – 02/2022

Mentor at Corporate Team
SUST ACM Student Chapter

📅 04/2022 – Present