RAHUL MONDAL

SOFTWARE DEVELOPER

CONTACT

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portfolio-website

SKILLS

Rust *(Actix, Axum, Yew, Tauri)*

JS *(Node, React)*

Python *(TensorFlow)*

MongoDB, PostgreSQL

Kubernetes, Docker, Okteto,

WebRTC, WebSocket, JWT, ProtoBuf, gRPC, Hashing, Encryption, Asym-Cryptography

EDUCATION

Future Institute of Tech.

2017-2021
Computer Science & Engineering

Sonarpur Sikhsa Sadan

2015-2017
Higher Secondary (XII)

Harinavi D. V. A. S. High School

2014-2015
Secondary (X)

PROFILE

Aspiring and versatile software artisan with a flair for AI and over 3 year of experience. Eagerly pursuing a riveting software development role where creativity meats innovation, to craft cutting-edge solutions and contribute to transformative projects.

EXPERIENCE

Software Developer (RUST)

Digital Aptech Pvt. Ltd. | Oct.2023 - Mar.2024

- Successfully migrated multiple microservices from **Warp** to **Axum**, optimizing performance and scalability, and implemented thorough test cases for enhanced code reliability and automated testing.

- Single-handedly developed a chat-widget end-to-end using **Yew.rs** with technologies like **WebSocket** & **WebRTC** to enable Real-time communication, for testing one of the microservice, improving user experience and accessibility.

- Leveraged **Docker** and **Kubernetes** for seamless container orchestration, deploying applications using Helm charts, resulting in improved scalability and reliability.

- Implemented CI/CD pipelines with **Okteto**, streamlining development workflows for efficient code delivery.

- Collaborated closely with the client and a three-person team to build a reliable product, assisting in developing a microservice utilizing **gRPC** to establish WebSocket channels.

- Regularly participated in code reviews with clients and team members to enhance code quality.

Software Developer (Rust)
Rapid Innovation | Jan.2022 - Sept.2023

Developed and deployed a desktop web application from scratch empowering **Rust**, used to monitor remote employees worldwide.

- Utilized cutting-edge technologies such as **Actix-Web** (back-end), **MongoDB** (server-side), and **vanilla.js** (front-end) to deliver a high-quality product, where the frontend of the website version was created with ReactJs, which is now being utilized by over **200+** remote employees within the company,

- Implementation of the application has increased productivity of the employees by almost **20%**

- which has had a positive impact on the overall performance of the company, which demonstrates the effectiveness and value of the application in improving workflows and enhancing productivity.