

RAHUL MONDAL

SOFTWARE DEVELOPER

CONTACT

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SKILLS

Rust (*Actix, Axum, Yew, Tauri*)
JS (*Node, React*)
Python (*TensorFlow*)

MongoDB, PostgreSQL

Kubernetes, Docker, Okteto,

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

EDUCATION

Future Ins. of Tech.
2017-2021
Computer science & engineering

Sonarpur S. Sadan
2015-2017
Higher Secondary (XII)

Harinavi D. V. A. S. H.
School
2014-2015
Secondary (X)

PROFILE

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

EXPERIENCE

Software Developer (RUST)

Great Software Laboratory

- 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 interactive UI using **Yew.rs** with technologies like **WebSocket** 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

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,
- The implementation of the application has increased productivity of the employees,
- 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.