

Md Tosif

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Summary

Experienced full-stack developer, proficient in TypeScript, Go, Rust, and technologies like wasm and React.js. Skilled in blockchain integration, and system optimization. Demonstrated expertise in improving system performance, deployment time, and enhancing user engagement through innovative solutions.

Work Experience (3 years)

Zeeve (Noida, UP) - Software Developer (August 2022 - present)

- Spearheaded the development of an auto re-staking feature for the CosmosSDK-based blockchain, resulting in a **3-4% increase in staking rewards** and a substantial reduction in gas fees.
- Built an indexer from scratch for a Bitcoin-like blockchain, **slashing data retrieval time** by an impressive 90%.
- Integrated blockchain technology into the platform, incorporating Aptos, Sharduem, Ethereum, and Cosmos SDK-based blockchains, leading to a **20% boost in user adoption**.
- Created the no-code deployment process for Hyperledger Besu on Kubernetes, **reducing deployment time** by 80% to mere minutes.

Digital Aptech (Kolkata, West Bengal) - Junior Software Developer (October 2021 - June 2022)

- Engineered APIs to consolidate 3 microservices, handling and processing over 10,000 leads per month, resulting in a 20% **increase in conversion rates**.
- Developed interactive dashboards, providing valuable insights into users' earnings from leads and contributing to a 30% **improvement in user engagement**.
- Automated a Microservice using Pug templates for email communication, **reducing manual effort** by 80% and increasing email delivery speed by 50%.
- Integrated third-party regulatory services for property verification, ensuring compliance and fostering trust in the system, resulting in a **95% reduction in fraudulent** or non-compliant property submissions.

Freelancing (Remote) - Full Stack Developer (May 2021 - August 2021)

- Constructed a website with an authentication system using Google and Facebook **OAuth 2.0**.
- Engineered a real-time messaging system using socket.io, facilitating seamless communication between two users with an average response time of **less than 500 milliseconds**.
- Utilized Firebase Cloud Messaging to enable efficient push notifications delivery to users, **enhancing user engagement** by 40% in three applications.

Projects

- **File Encryption**: Built encryption with the Rust (wasm) and Nextjs. Uses AES encryption. [Video demo](#)
- **Anime Stream TV**: Created web app with an open-source library (consumet.ts) for watching anime online, featuring a TV-focused UI. [Video demo](#)
- **TBH**: Developed a website for creating links to receive anonymous ratings from friends.

Skills

- **Language & Database**: Typescript, Golang, Rust, Javascript, CSS, PostgreSQL, HTML, MongoDB.
- **Frameworks**: Node.js, Next.js, Tailwind, Grpc, Docker, Microservice, RabbitMQ, Wasm.

Education

- **Bachelor In Computer Application**, Vidyasagar University (June 2019 - June 2022): OOP in C++ and JAVA, Data Structures and Algorithms, Database Management System, Operating System.

Achievement

- Solved 300+ Leetcode questions to improve my coding and DSA skills.