

Md Irshad Ansari

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Full Stack Developer with **3+ years** of experience in the **JavaScript** ecosystem. Experience in building, **optimizing**, and maintaining **scalable production** software.

Skills

Languages: HTML, CSS, **JavaScript**, **TypeScript**, SQL, SCSS, Python

Libraries/Frameworks: **ReactJS**, **NextJS**, **NodeJS**, ElectronJS, Redux, ExpressJS, KoaJS

Databases: **MongoDB**, Redis

Technologies/Tools: Linux, Git, **AWS**, EC2, S3, SQS, Lambda, Docker, CI/CD, Nginx, Github actions

Familiar with: Angular, Vue, MySQL, Elasticsearch, Rust, Java

Work Experience

Cypherock (Gurgaon)

Full Stack Developer

Aug 2022 - Present

- **Enhanced** Cypherock X1's **infrastructure**, addressing scaling needs, and successfully managed **\$50M** in assets under management (**AUM**) as a key core team member.
- Designed and implemented the Cypherock CySync desktop application **mono repository**, enhancing **code reusability** across **CLI**, **desktop**, and **web** platforms. This initiative **reduced** the average timeline for supporting new cryptocurrencies by **33%**.
- Developed a **monitoring** dashboard for server components utilizing **Prometheus**, **Grafana**, and **AWS**, resulting in a **70% reduction** in the average time for analyzing server issues.
- Created a JavaScript **SDK** which enables applications to communicate with the Cypherock X1 Hardware Wallet via multiple communication protocols.
- Mentored and guided **6+ interns**, fostering technical growth and project success.
- **Tech Stack:** JavaScript, TypeScript, ReactJS, Redux, Python, ExpressJS, KoaJS, MongoDB, AWS, Nginx, CI/CD.

Full Stack Developer Intern (Remote)

Jan 2021 - Jul 2022

- **Deployed** and maintained various **blockchains** (Bitcoin, Litecoin, Dogecoin, Dash) on **AWS**, cutting costs by **70%**.
- Implemented packet-to-packet **USB communication** protocol for Cypherock CySync desktop app to communicate with Cypherock X1 Hardware Wallet.
- Integrated features into Cypherock CySync desktop application to **support cryptocurrencies** like **Bitcoin**, **Ethereum**, and **ERC20 Tokens**.
- **Tech Stack:** JavaScript, TypeScript, ReactJS, KoaJS, MongoDB, AWS, Github Actions

Laughing Buddha Technologies

Full Stack Developer Intern (Remote)

Feb 2019 - Apr 2019, Aug 2019 - Sep 2019

- Enhanced API performance by implementing **MongoDB aggregations**, resulting in a **75%** reduction in latency.
- Integrated **Twitter** and **OAuth API**, reducing user registration time by **50%**.
- Led the transition of the application from POC to **production** by implementing features such as **Dark Mode**, **Infinite Scrolling**, **Payment**, and **Comments**.
- **Tech Stack:** JavaScript, TypeScript, Angular, ExpressJS, MongoDB, AWS.

Code One Technologies

July 2019 - Aug 2019

Backend Developer Intern (Remote)

- Developed **20+ APIs** for an E-Commerce application in **Node.js** using **MySQL**.
- **Tech Stack:** TypeScript, ExpressJS, MySQL.

Education

Visvesvaraya University

July 2022

B.E. in Computer Science and Engineering

DBMS English School

2018

ISC (Class XII)

Position of Responsibility

- **Code with Girlsript Bangalore (Maintainer 2020):** Authored and evaluated **5+** problem statements with easy, medium, and hard variations, enabling **30+** novice developers to embark on their **Open Source** contributions.
- **Girlsript Uplift Project Mentor (2020):** Led and mentored a team of **3+** novice developers, ensuring the successful implementation of a **NodeJS** application.