

Ratul Saha

contact@ratulsaha.me

+91 7980533989

[linkedin.com/in/ratuls](https://www.linkedin.com/in/ratuls)

Summary

Backend Engineer with several years of professional and freelancing experience. Highly interested in problem solving. I have professional experience in designing solutions and building industry standard web applications.

Experience



Back End Developer

Flowace.ai - Boost Workforce Productivity by 31%

Mar 2022 - Present (2 years)

- Building, designing and maintenance of existing platform running NodeJS.
- Architecting new timesheet collection system with GoLang and AWS SQS.
- Architecting backend API version 2 using NestJS and Prisma ORM.
- Designing and maintaining RDS MySQL database and tables.
- Working with AWS services like SQS, EC2, EventBridge, S3, Lambda and RDS.
- Implementing CI/CD with CircleCI to automate tests, builds and deployments.



Full Stack Engineer

Nashville Launch Pad

Nov 2021 - Jan 2022 (3 months)

- Redesign the backend using NestJS and TypeORM.
- Building the frontend with ReactJS and Typescript.
- Setting up Unit and End-to-End testing with Jest.



Frontend Developer

RedZone

Jul 2021 - Sep 2021 (3 months)

- Worked with ReactJS integrated with Flow type checker.
- Responsible for bug resolution, performance and code refactor.
- Implemented several UI features and improvements.

Full Stack Engineer

Overlap eSports

Nov 2020 - Jan 2021 (3 months)

- Facilitated website development based on provided design.
- Built with ReactJS, CSS3 and ExpressJS.
- Configure hosting and DNS using Firebase and DigitalOcean.

Full Stack Engineer

The Merakism Project

Jan 2021 - Nov 2021 (11 months)

- Developed website and accompanying admin panel.
- Developed standalone JWT based auth API for access management.
- Built with the MERN stack following TDD coding style.
- Configure hosting on Firebase, MongoDB Atlas and DigitalOcean.

Software Engineer

Xenus (Discord Bot)

Mar 2020 - Dec 2020 (10 months)

- Founded the project for learning experience.
- Initially used Javascript and MongoDB and later migrated to Typescript.
- Configured hosting on bare metal linux servers for application and DB.
- Got sponsored by SkySilk through their promotion programme.
- Received the now non-obtainable, "Early Bot Developer" badge from Discord as a recognition of verification.

Education



Manipal University Jaipur

Bachelors of Computer Applications - BCA, Computer Software Engineering

2022 - 2025

Licenses & Certifications



Javascript Intermediate - HackerRank

ab0da94fdea5



Javascript Basic - HackerRank

b4e568eab57c

Skills

JavaScript • TypeScript • Jest • React.js • Next.js • Node.js • Express.js • NestJS • MongoDB
• Amazon Web Services (AWS)