

ALLEN JOY

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PROFESSIONAL EXPERIENCE

RATEUP

Software Engineer

Kochi, IN

2023-Present

As a Fullstack Developer at RateUp, I led a 3-engineer team, building scalable apps with Next.js (React, TypeScript) and Fastify (Node.js). I enhanced user engagement via WhatsApp Flow, managed auth with SuperTokens, and created digital menus using Mantine. I leveraged PostgreSQL for robust database management, AWS S3 for storage, REST APIs with React Query for data, and BullMQ for message queuing across microservices. My workflow included robust use of Git for version control.

- Supervised a group of 3 engineers, increasing team efficiency by 20% and ensuring the timely completion of major projects.
- Achieved a 30% increase in automated customer interactions by integrating WhatsApp Flow and Template API, leading to faster response times and higher engagement.
- Implemented BullMQ for message queuing, streamlining campaign processing and significantly reducing sending time.

INNOVATURE SOFTWARE LABS

Associate Software Engineer

Kochi, IN

2022-2023

At Innovature Software Labs, I worked on POC projects like an NFT marketplace and FAQ AI bot using React, Node.js, and Java Spring Boot, focusing on innovative solutions with ShadCN UI for internal and client-facing applications.

- Led the development of an NFT marketplace POC, utilizing React and Node.js with Express, which demonstrated the platform's potential and secured client interest for further development.
- Implemented an FAQ AI bot using React and Node.js, which reduced manual customer service inquiries by 35% and improved response times by 50%.

PROJECTS

Multi-Tenant Education Platform

2024-2025

Built a platform using Next.js, ShadCN UI, and Express.js microservices, allowing institutions to create courses and landing pages on subdomains, with students accessing courses securely.

- Implemented subdomain-based multi-tenancy with isolated student and institution access.
- Used a microservice architecture with Express.js for scalability and modularity.
- Developed admin dashboards for institutions and learning dashboards for students.

NFT Marketplace

2022-2023

Built an NFT marketplace using the MERN stack, allowing creators to mint, list, and sell NFTs securely with integrated user authentication and wallet support.

- Developed a secure NFT marketplace with MERN stack.
- Integrated user authentication and wallet support.

EDUCATION

MES COLLEGE

Bachelor Of Computer Application-76.4%

Nedumkandam, IN

2019-2022

ADDITIONAL INFORMATION

- Technical Skills: Javascript, Java, Node Js, React, Node Js, Frontend, Java, Html Css, Next Js, Fastify, Tailwind, Prisma, SQL (PostgreSQL), NoSQL (MongoDB), Mantine, Aws, Git, BullMq
- Languages: Fluent in Malayalam (native), English