

Muflih

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Summary

Full Stack Developer skilled in MongoDB, NodeJS, ExpressJS, GraphQL, gRPC, TypeScript, PostgreSQL, NextJS and React, with experience in scalable systems, RBAC, real-time applications, microservices and cloud deployment (AWS, Docker, Cloudflare)

Education

2023 – 2024: MERN Stack Development

Prototype, Calicut

2024 – Present: Bachelor of Computer Applications

Sreenarayanaguru Open University

Experience

Aug 2023 – Dec 2024: Full Stack Developer (MERN) Intern

Prototype, Calicut

- Engineered full-stack applications with the MERN stack, delivering scalable features for eCommerce and social media use cases.
- Architected backend systems with REST APIs, JWT-based authentication, and session tracking for secure user management.
- Built reusable and type-safe React components, improving maintainability and reducing code duplication.
- Deployed and managed applications on AWS EC2 and Vercel, handling production issues such as authentication and cross-origin requests.

Projects

ProHire – Job Listing & Hiring Platform

PostgreSQL, tRPC, React, TypeScript, Stripe, RBAC, Subscription & Billing

View Source Code

- Developed **ProHire**, a SaaS-based multi-tenant hiring platform with isolated organization-level data and scalable backend architecture.
- Engineered a robust **RBAC system** to enforce fine-grained access control across multiple user roles and workflows.
- Built a **subscription & billing module** supporting tiered plans, lifecycle management (upgrade/downgrade), and payment integration.

TeamFlow – Real-Time Team Communication Platform

tRPC, Tanstack Start, TypeScript, Node.js, Socket.IO, PostgreSQL

View Source Code - Live

- Developed a **Slack-like real-time messaging platform** with channels, direct messaging, and workspace-based collaboration features.
- Engineered **WebSocket-based communication** using Socket.IO for low-latency messaging, user presence, and event-driven updates.
- Designed a **secure backend architecture** with authentication, session management, and efficient data modeling for conversations and users.

Skills

Languages: JavaScript, TypeScript

Frontend: React, NextJS, Tanstack Start, React Router, Redux, React Query, React Relay, TailwindCSS

Backend: NodeJS, ExpressJS, tRPC, GraphQL, gRPC, Strapi

Database: MongoDB, PostgreSQL, MySQL

DevOps: Docker, AWS (EC2, S3, Route 53), GitHub Actions, Nginx, Vercel, Cloudflare, Netlify, Render

Tools: Git, Postman, Figma

Integrations: REST APIs, OAuth 2.0, JWT, Stripe, Razorpay, Nodemailer, Socket.io, ZegoCloud, twilio