

Md Roknuzzaman

Software Engineer

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Professional Summary

Full Stack Engineer with 3+ years of experience building production-ready web applications and infrastructure. Specialized in Node.js/TypeScript backends, Kubernetes deployments, and solving complex DevOps challenges. Led migration from VPS to managed Kubernetes and built custom tooling to reduce infrastructure costs. Currently seeking a product service driven company with active users where I can apply my technical skills to solve real user problems.

Skills

- **Backend:** TypeScript, Node.js, Express.js, Sequelize, TypeORM, Prisma, REST API design, authentication, RBAC
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Frontend:** React, TailwindCSS, React Native, Next.js
- **DevOps & Infrastructure:** Docker, Kubernetes, Apache APISIX (API Gateway)
- **Tools & Integrations:** Git, VS Code, OpenAI, Perplexity, Openrouter

Experience

Software Engineer | Annon IT (Remote) | Dec 2022 - Present

- Design and develop backend APIs using Node.js, TypeScript, and Express.js for multiple client projects
- Migrated deployment infrastructure from traditional VPS to managed Kubernetes, reducing deployment time from hours to minutes
- Built custom SSL certificate automation tool using Let's Encrypt, eliminating \$500+/month in certificate management costs
- Implemented multi-tenant architecture with custom domain support, handling SSL provisioning and renewal automatically
- Mentor 2 junior developers on code quality, Git workflows, and backend architecture patterns
- Configure and maintain Apache APISIX API Gateway for microservices routing and authentication
- Develop responsive frontends using React and TailwindCSS, and mobile apps with React Native

Projects

Cert-Man - SSL Certificate generator app | 2025

- Built automated SSL certificate generation and renewal system for multi-tenant SaaS application
- Integrated Let's Encrypt API to provision certificates for custom client domains with zero manual intervention
- Designed webhook-based architecture to handle certificate lifecycle events
- Reduced infrastructure costs by \$500+/month compared to commercial certificate management services
- **Tech Stack:** Node.js, Express.js, Let's Encrypt, Kubernetes, Docker, PostgreSQL

Ouiskill - AI-Powered Skill Development Platform | 2024

- Led backend development for AI-integrated skill development platform with custom domain support per client
- Designed and implemented multi-tenant architecture supporting white-label deployments
- Integrated OpenAI and Perplexity APIs for personalized content recommendations
- Built custom JWT authentication system with role-based access control
- **Tech Stack:** Node.js, TypeScript, PostgreSQL, Sequelize, Vue.js, React Native

Bisso Na Bisso - Multi-Tenant Employee Reward System | 2023

- Developed multi-tenant employee rewards platform with receipt management and admin dashboards
- Implemented RBAC system with granular permissions for different tenant types
- Built RESTful APIs and responsive UI for cross-platform access
- **Tech Stack:** Node.js, React, TypeScript, MySQL, TypeORM, TailwindCSS

Education

BSc. in Electronics and Telecommunication Engineering (ETE) | 2015 - 2019

Daffodil International University, Dhaka, Bangladesh

Language

- **Bengali:** Native/Fluent
- **English:** Proficient in technical communication and documentation.