RAFI UZZAMAN

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SUMMARY

Senior Software Development Engineer with 3+ years building scalable Node.js applications. Specialized in REST APIs, database optimization, TypeScript, and AWS infrastructure. Strong full-stack foundation with proven ability to deliver production systems.

EXPERIENCE

Senior Software Development Engineer   *January 2022 - May 2025*
Pawzeeble | Remote

- Designed and optimized Mongoose schemas and database migration scripts, improving query performance by 40% through efficient indexing and aggregation strategies
- Contributed to backend TypeScript migration by refactoring modules, participating in code reviews, adapting legacy code to new patterns, and ensuring type safety across the codebase
- Built and maintained RESTful APIs with Express/Mongoose handling high-volume traffic, implementing proper error handling and validation middleware using Agile development practices
- Built multi-channel messaging system integrating SendGrid, TextLocal, and WhatsApp API with custom email templating and automated notification workflows
- Secured AWS S3 infrastructure by configuring private buckets, implementing presigned-URL workflows, and managing role-based access controls
- Managed production deployments on AWS EC2 instances, debugged critical issues, and optimized server resources with minimal downtime

Software Developer (Contract Projects)   *August 2019 - January 2022*
Multiple Clients | Remote

atgkhidmat.com - Production full-stack product catalog system with admin panel, role-based access control, RESTful APIs (Express/Mongoose), and dynamic frontend with smooth animations.

Business Lead Tracking Platform - Developed full-stack application enabling team-based lead management with CRUD operations, priority-based filtering, and Redux state management. Built with MERN stack supporting multi-user collaboration and role-based workflows.

Business Portfolio Website - Developed Next.js static showcase website with responsive design and optimized performance for client's public presence.

Breeyz - Converted Figma designs to modular React components with Hooks, responsive layouts, and reusable component architecture.

Live101 - Contributed to production React application by implementing UI features, debugging layout issues, and ensuring cross-browser compatibility.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, TypeScript, Node.js, Express, NestJS, React, Next.js
Databases: MongoDB/Mongoose, PostgreSQL/TypeORM, Redis
Cloud & DevOps: AWS (EC2, S3), Docker, Git, CI/CD (GitHub Actions)
Tools: Jest, Supertest, Postman, Jira, WebSocket, Agile/Scrum

EDUCATION

B.Tech in Computer Science Engineering   *2015 - 2019*
Adesh Institute of Technology (Punjab Technical University)   *CGPA: 8.09/10*