ZAHIN ABDULLAH ADIB

Backend-focused Full-Stack engineer

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SUMMARY

Backend-focused Full-Stack engineer with 4+ years shipping production APIs, cloud infrastructure, and AI-integrated apps on Node.js and TypeScript. Experienced from schema design to AWS deployment with CI/CD and zero-downtime releases.

EXPERIENCE

Roblox Game & Backend Developer

SM Technology

05/2026 - 08/2026

- Built Roblox games and the backend systems behind them in Luau, implementing gameplay mechanics, in-game economies, and DataStore-backed persistence, with Node.js services and cloud infrastructure keeping player data consistent across concurrent live sessions.

Software Engineer & DevOps Engineer

Stack+

04/2025 - 04/2026

- Delivered 10+ production client projects end-to-end across AI chatbots, full-stack web apps, and backend services on Node.js, TypeScript, React, and AWS, standardizing Dockerized GitHub Actions CI/CD pipelines across the agency to enable same-day hotfixes and consistent environments across concurrent client deliveries.

Full-Stack Developer

Sharetasking Inc

08/2025 - 11/2025

- Architected a Fastify-based Node.js backend for an AI task platform, integrating ElevenLabs voice agents and the Google Calendar API to automate scheduling, with service boundaries designed to keep the voice pipeline responsive under concurrent live sessions.

Backend Developer & DevOps Engineer

RentYard Inc

01/2024 - 04/2025

- Built the backend and AWS infrastructure from scratch (EC2, CloudFront, Nginx reverse proxy), shipping zero-downtime deploys through GitHub Actions CI/CD with Nginx upstream switching, and cut property-search query latency by ~40% on the live MySQL database via composite indexing tuned to the real filter and sort patterns hit by users.

Backend Developer (Freelance)

Fiverr

08/2022 - 02/2024

- Shipped backend systems across 20+ international client engagements on Node.js, Express, and MySQL, owning each build end to end - REST API and schema design, authentication, integrations, and deployment - to fixed scopes and deadlines.

EDUCATION

B.Sc. in Computer Science & Engineering (CSE)

East West University

2024 - Present | Dhaka

SKILLS

Backend

Node.js | Express | Fastify | NestJS | REST | WebSockets | GraphQL

Frontend

Next.js | React | Redux Toolkit | Tailwind CSS

Databases

PostgreSQL | MySQL | MongoDB | Redis | Prisma | Query Optimization

Cloud & DevOps

AWS | EC2 | S3 | CloudFront | Docker | Nginx | GitHub Actions CI/CD | Linux

Architecture & Testing

Microservices | Event-Driven | JWT/RBAC | Jest | Vitest | Integration & E2E

PROJECTS

Full write-ups, code, and live demos at **www.adibdev.me/projects**.

QueryGuard

TypeScript, Node.js, PostgreSQL Wire Protocol, Vitest

- Zero-config PostgreSQL 3.0 TCP proxy and CI/CD action detecting N+1 query cascades, analyzing unindexed scans via active EXPLAIN, and recommending concurrent index DDL.

MoodTunes

Next.js, TypeScript, HuggingFace, Spotify API

- AI playlist platform running 28-emotion classification and an LLM pipeline with sliding-window rate limiting, token caching, and a 3-stage fallback chain for 100% query reliability.

Learning Management System

Next.js, Express, PostgreSQL, Prisma, Socket.io

- Four-role LMS featuring transactional enrollments, server-side progress tracking, rotating JWT refresh tokens, and Socket.io real-time event notifications.