



Anisur Rahman Afifi

Backend-Focused Full-Stack Developer

CONTACT

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GitHub

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SELECTED PROJECTS

GitHub Profile Viewer – A sleek and modern GitHub profile viewer built with Next.js.

Open NTP – Self-hosted NTP server with monitoring dashboard and time-based API endpoints.

Spotview – Spotify analytics dashboard built with React and Express.

LANGUAGES

Bangla (Native), English (Professional), Hindi (Conversational)

SUMMARY

Full-stack developer with 4+ years of experience building and deploying web applications using TypeScript (NestJS, Next.js) and Python (FastAPI). Experienced in designing REST APIs, implementing background job processing, and deploying containerized applications. Strong focus on clean code, system reliability, and practical scalability.

EDUCATION

Islamic Research Center Bashundhara

Islamic Jurisprudence, 2018-2020

Self-taught in software engineering and backend systems.

EXPERIENCE

Freelance Full-Stack Developer

Self-Employed | 2020 – Present

Develop and maintain full-stack web applications and backend systems for client and internal projects.

- Built a NestJS-based SMTP API (“Postlane”) with Redis-backed rate limiting and queue-based job processing (BullMQ).
- Designed RESTful and GraphQL APIs with PostgreSQL and Redis caching.
- Implemented asynchronous background workers for event-driven tasks.
- Containerized services using Docker and deployed multi-service applications in Kubernetes environments.
- Integrated third-party APIs (email, SMS, OAuth providers).
- Optimized database queries and indexing for improved performance.

Education Administrator

Paikkandi Panchapalli Madrasah | 2021 – 2025

Oversaw institutional operations while introducing process optimization and workflow improvements.

- Digitized administrative tracking processes.
- Streamlined scheduling and coordination workflows.

TECHNICAL STACK

Languages

TypeScript, JavaScript, Python.

Backend & APIs

NestJS, FastAPI, Node.js, Express.js, REST, GraphQL, gRPC, Kafka, PostgreSQL, Redis, MongoDB, ClickHouse, BullMQ, RabbitMQ, Rate Limiting, Terraform, Ansible, Background Jobs.

Frontend

Next.js, React, Tailwind CSS, MUI, Framer Motion.

Infrastructure & DevOps

Docker, Kubernetes, Cloudflare, Git, Queue-based systems, caching strategies, reverse proxies.