



Tanvir Anjum Neon

Backend & Infrastructure Engineer
DevOps · Linux · Cloud
Open to DE / EU Relocation

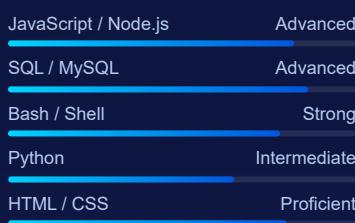
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KEY METRICS



PROGRAMMING



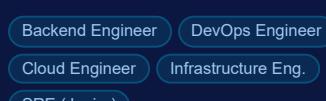
SPOKEN LANGUAGES

Bengali	Native
English	Professional (C1)

INFRASTRUCTURE



TARGET ROLES



◆ PROFESSIONAL SUMMARY

Backend and infrastructure engineer with **7+ years of applied experience** in Linux server administration, REST API architecture, relational database optimisation, and containerised deployment. Built and maintained production-grade backend systems serving concurrent workloads — consistently achieving sub-50ms API response times and 60%+ database performance gains through systematic profiling and query optimisation. Practical knowledge of TCP/IP networking, firewall configuration, security hardening, and Bash-based automation. Developing expertise in CI/CD pipelines and cloud infrastructure (AWS). Academic background in Computer Science & Engineering (Software Engineering & Network Systems, NSU). Seeking a junior **Backend, DevOps, or Cloud Infrastructure Engineer** role in Germany or the EU.

◆ ENGINEERING EXPERIENCE

Backend & Infrastructure Engineer — Project-Based International Clients (Remote) · 30+ Production Deployments

Jan 2022 — Present

- Architected and deployed **REST API backends** with JWT-based authentication, role-based access control, and rate limiting — integrated against MySQL relational databases in production environments
- Administered **Linux VPS servers** (Ubuntu); configured Nginx as a reverse proxy, managed systemd services, implemented firewall rules, and maintained system uptime across 30+ deployments
- Performed **CPU and memory profiling** on backend services to identify bottlenecks; restructured event loops and eliminated blocking operations, reducing average response latency to **under 50ms**
- Diagnosed and resolved **race conditions** in multi-process environments through structured log analysis, process isolation, and targeted code-level fixes
- Optimised **MySQL query performance** by auditing execution plans, eliminating N+1 patterns, and applying targeted indexing — achieving consistent **60%+ reduction** in database response time
- Authored **Bash and Python automation scripts** for scheduled backups, log rotation, health checks, and deployment workflows — reducing manual operational overhead
- Designed and deployed **containerised multi-service stacks** using Docker and Docker Compose; configured inter-service networking and volume persistence on remote Linux infrastructure

Software Engineer — Contract

Upwork · Private & NDA Clients

Sep 2022 — Present

- Delivered backend systems and server-side automation for private clients; integrated external REST APIs and maintained production infrastructure under service-level agreements
- Produced technical documentation for deployed systems; ensured maintainability and knowledge transfer for long-term support engagements

Automation Developer

Google · Apps Script Platform

Jul 2021 — Oct 2022

- Developed structured Apps Script automation workflows for data ingestion, transformation, and internal process management — reducing manual effort on recurring operational tasks

◆ TECHNICAL PROJECTS

REST API Service with Auth Layer *Node.js · Express · JWT · MySQL*

Stateless REST API with JWT authentication, RBAC, rate limiting, and optimised relational DB schema.

Multi-Service Docker Stack

Docker · Compose · Nginx · Linux

Containerised production environment with Nginx reverse proxy, service isolation, and volume persistence.

Linux Server Automation Toolkit

Bash · Python · Cron · Linux

Automated backup scheduling, log rotation, process health checks, and alerting on Linux VPS.

High-Concurrency Backend Service

Node.js · MySQL · Event-driven

Event-driven backend under concurrent load; profiled and optimised to achieve sub-50ms API latency.

API-Integrated Frontend Dashboard

HTML · CSS · JavaScript · REST API

Real-time UI consuming a live backend API; state-driven rendering with minimal latency.

MySQL Performance Audit

MySQL · EXPLAIN · Indexing

Full query audit using EXPLAIN plans; resolved N+1 issues and applied indexing — 60%+ improvement.

◆ TECHNICAL SKILLS

BACKEND & API



SYSTEMS & NETWORKING



INFRASTRUCTURE & DEVOPS



ENGINEERING PRACTICES



◆ EDUCATION

BSc Computer Science & Engineering

North South University (NSU) — Dhaka, Bangladesh

Focus: Software Engineering · Network Systems · Database Systems

Higher Secondary Certificate (HSC) — Science

KC College, Jhenaidah

In Progress

2017