Antu Saha

Software Developer | Backend & Full-Stack Web Development

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OBJECTIVE: Software Developer with 2+ years of professional experience specializing in Python, Django, Django REST Framework, PostgreSQL, and Next.js. Experienced in REST API development, database design, multi-tenant architecture, performance optimization, debugging, AI integration, and production deployment. Proficient in Docker, Nginx, Linux, and VPS/cloud environments, delivering scalable and maintainable web applications.

SKILLS:

Languages: Python, JavaScript, C, C++
Backend: Django, Django REST Framework (DRF), MySQL, PostgreSQL, Redis, JWT, REST APIs
Frontend: HTML, CSS, Bootstrap, Tailwind CSS, Shadcn, Next.js, React
DevOps: AWS, CI/CD, Docker, Nginx, Linux
Tools: Git, GitHub, Postman, VS Code, Cursor IDE, Antigravity IDE, Claude Code, Codex
Problem Solving: **LeetCode** (250+ problems solved)
Soft Skills: Teamwork, Adaptability, Quick Learner

WORK EXPERIENCE:

Junior Software Developer | **PEPOLTEK LIMITED** (December 2024 – September 2026)

- Developed and maintained RESTful APIs using Django REST Framework for business management applications, including backend development for a Club Management System.
- Optimized API performance by 30% through caching and database query optimization.
- Worked on multi-tenant application architecture and AI integration, enabling secure tenant isolation and AI-powered application features.
- Deployed and managed multiple production applications on VPS, reducing infrastructure costs by 20%.

PROJECTS:

Meditek Hospital Management System [Live | Frontend code | Backend code]

Technologies: Django, Django REST Framework, Next.js, WebSockets, PostgreSQL, Redis, SSLCommerz, Docker, CI/CD

- Built a multi-tenant healthcare SaaS platform with schema-per-tenant data isolation and scalable backend architecture.
- Implemented JWT authentication, RBAC/ABAC permissions, MFA, session management, and audit logging for secure healthcare data access.
- Integrated SSLCommerz, bKash, and Nagad payment gateways for secure online payment processing and transaction management.
- Developed modular clinical and operational workflows (EMR, appointments, pharmacy, lab, billing) with async processing via Celery/Redis and real-time updates via WebSockets.

TALENTek Multi-Tenant Human Resource Management Platform [Live | Frontend | Backend]

Technologies: Python, Django, Django REST Framework, PostgreSQL, Next.js, SSLCommerz, Redis, Docker, Nginx, Linux, Cloudflare.

- Contributed to the full-stack development of a multi-tenant HRM platform designed to manage the complete employee lifecycle.
- Developed and integrated backend APIs and frontend features for HR workflows, including employee management, recruitment, candidate tracking, onboarding, and workforce-related operations.
- Worked on tenant-based architecture and data isolation to ensure secure separation of organizational data.
- Contributed to application deployment and infrastructure management using Docker, Nginx, Linux servers, and Cloudflare.

EDUCATION

Bachelor of Science in Computer Science and Engineering
Northern University Bangladesh | 2025 – Present

Diploma in Computer Technology - ICST | CGPA: **3.65** / 4.00