

Jubayer Ahmed

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PROFESSIONAL SUMMARY

Software Engineer specializing in full-stack systems with React, Next.js, Node.js, NestJS, Django, and PostgreSQL. Proven experience building **scalable, high-performance REST APIs, microservices, and cloud-native architectures** with CI/CD. Strong in **AI/ML integration**, including LLM workflows, RAG pipelines, semantic search, vector databases, LangChain, and LangGraph-based systems. Skilled in system design, distributed systems, DevOps (Docker, AWS), and performance optimization, with a competitive programming foundation.

EXPERIENCE

GeekSSort

Software Engineer • Full-time

Mirpur, Dhaka

Feb. 2026 – Present

- Developed **210+ production-grade APIs** using NestJS, Prisma, TypeORM, PostgreSQL, and Redis, following **Clean Architecture** and **SOLID** principles.
- Built and maintained **115+ APIs** using **Django** and Django REST Framework with PostgreSQL, Redis, Celery, and Docker, delivering secure and scalable backend services.
- Currently developing a **Multi-Tenant ERP System** using Django, DRF, PostgreSQL, Redis, Celery, Docker, and Next.js, featuring **subdomain tenancy, RBAC**, multi-branch support, HRM, Inventory, and POS.
- Built an **enterprise-grade Barbershop Management System** using **NestJS**, PostgreSQL, Prisma, and Redis, featuring appointments, billing, inventory, attendance tracking, and ZKTeco integration.
- Delivered a high-performance **full-stack real-estate platform** using **Next.js** and NestJS with GraphQL, PostgreSQL, and Redis, optimized for SSR, SEO, and caching.
- Delivered client-facing applications using **Shopify, Headless Shopify, and Framer**, with a focus on performance and modern UI/UX.

GeekSSort

Junior Software Engineer • Full-time

Mirpur, Dhaka

Oct. 2025 – Jan. 2026

- Supported backend development using **NestJS, GraphQL, Prisma, and PostgreSQL** with a focus on clean, maintainable code.
- Assisted in designing **scalable API structures** and improving backend workflows for production applications.
- Contributed to performance improvements through **Redis caching** and modular service patterns.
- Worked on **Shopify, Headless Shopify, and Framer** tasks in a client-facing delivery environment.

Vivasoft Ltd.

Software Engineer Trainee • Remote

Dhaka, Bangladesh

Jan. 2025 – Sep. 2025

- Completed a **9-month trainee program** while contributing to a production-oriented **e-learning platform**.
- Worked on both **NestJS** backend services and **Next.js** frontend features for course delivery, user access, and learning workflows.
- Integrated and maintained **REST APIs**, authentication flows, and client-server data handling in a team-based development setup.
- Used **TypeScript, PostgreSQL, Prisma, Git, and Postman** while following code review, debugging, and task-based delivery practices.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, C, C++

Frontend: React.js, Next.js, Astro, Redux Toolkit, Tailwind CSS

Backend: NestJS, Django, Django REST Framework, REST APIs, GraphQL, WebSockets

AI & ML: LLMs, RAG, Context Engineering, Embeddings, LangChain, LangGraph, Semantic Search

Databases: PostgreSQL, MongoDB, MySQL, Redis, Prisma, TypeORM, Firebase

DevOps & Cloud: Docker, Kubernetes, AWS (EC2, S3), CI/CD (GitHub Actions), Vercel

Tools & Platforms: Git, GitHub, Postman, VS Code, npm, yarn, ESLint, Prettier, Webpack, Inngest

EDUCATION

Patuakhali Science and Technology University
Bachelor of Science in Computer Science

Jan. 2020 – Oct. 2025
CGPA 3.35/4.00

PROBLEM SOLVING

LeetCode: Solved 200+ problems focused on data structures and patterns, enhancing efficient coding and technical interview readiness. [Jubayer17](#)

Codeforces: Solved 600+ problems across diverse difficulty levels, mastering algorithms, data structures, and optimization strategies. [_ultron](#)

CSES: Solved 40+ problems, improving algorithmic thinking and problem-solving skills. [GalvaaaTroN](#)

ACHIEVEMENTS

ICPC Dhaka Regional 2025: Represented the team at ICPC Dhaka Regional, solved 3 problems, and gained teamwork and problem-solving experience under pressure.

DUET IUPC 2025: Secured an honorable position in DUET IUPC, solving 4 problems and showcasing teamwork and problem-solving skills.

Meta Hacker Cup 2025: Solved 2 challenging problems in Meta's global coding competition, demonstrating analytical and algorithmic skills.

PSTU IT Carnival 2025: Achieved 3rd position by solving 4 challenging problems, demonstrating problem-solving and analytical skills.

PROJECTS

Sortorium | ERP Platform — HR, Inventory & Operations [Live Link](#)
Next.js, Redux Toolkit, Django, DRF, PostgreSQL, Docker, Kubernetes, CI/CD

Glamora | Barbershop & Salon Management System
Next.js, NestJS, TypeScript, PostgreSQL, Prisma, Redis, Docker, CI/CD

HireBD | Job Marketplace — Candidates & Employers Platform [Live Link](#)
Next.js, NestJS, TypeScript, GraphQL, PostgreSQL, Prisma ORM, Apollo Client, NextAuth, JWT, REST APIs

Tapered | Clothing E-Commerce Platform [Live Link](#)
Shopify, Liquid, JavaScript, HTML, CSS

RestroCore (Frontend Only) | Restaurant Management System — POS, KDS & Analytics [Live Link](#)
React, TypeScript, Vite, Tailwind CSS, Zustand, TanStack Query, Framer Motion, React Hook Form, Zod

Geek Estates | Real Estate Platform — Listings & Search System [Live Link](#)
NestJS, PostgreSQL, Prisma, Next.js, TypeScript, Cloudinary, Apollo Client, GraphQL, JWT

CF Ladder | Codeforces Tracker — Filtering & Performance Dashboard [Live Link](#)
Next.js, Express.js, MongoDB, Tailwind CSS, Axios, Multer, Chart.js, REST APIs

Edulecta | MERN eLearning Platform — Auth & Progress Tracking [Live Link](#)
React, Node.js, Express.js, MongoDB, JWT, REST APIs, Role-based Access Control, Redux, Axios

CERTIFICATIONS & TRAINING

JavaScript Algorithms and Data Structures — freeCodeCamp

Backend Development and APIs — freeCodeCamp

AWS Cloud Practitioner Essentials — AWS Skill Builder

Docker Essentials — IBM SkillsBuild

Git & GitHub Fundamentals — GitHub Learning Lab

INDUSTRY KEYWORDS

SaaS • EdTech • E-commerce • LMS • API Design • Event-driven Architecture • Serverless • Authentication • Observability • Monitoring