

Nahid Pervej Ruhan

Full Stack Developer

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Professional Summary

Full-Stack Developer specializing in Next.js, TypeScript, and the MERN stack, with a proven track record of building scalable, revenue-generating commercial platforms. Combines expertise in secure RESTful API design and database management with a passion for mentoring aspiring software engineers as a technical programming instructor.

Technical Skills

Languages: JavaScript, TypeScript, SQL, Python, HTML5, CSS3, C/C++

Backend: RESTful APIs, Node.js, Express, Nestjs, Firebase, Supabase, OAuth2.0, JWT, Stripe, SSLCOMMERZ

Frontend: React.js, Next.js, Tailwind CSS, TanStack Query, Axios, Zod, Redux, Zustand

Databases: MongoDB, MySQL, PostgreSQL, Prisma, Redis

Tools & Environments: Git, GitHub, Cursor, Antigravity, Postman, MCP

Projects

ElaRose – Clothing Brand E-commerce Platform — [🔗 Live](#)

Oct 2025 – Nov 2025

Next.js, Node.js, Express.js, MongoDB, Tailwind CSS, Firebase, Cloudinary, Resend

- Collaborated with a small team to launch and continuously manage a full-stack e-commerce platform, driving BDT 50,000 in monthly revenue and boosting sales by 30% via a seamless Cash on Delivery (COD) flow.
- Architected a custom Node.js/MongoDB admin dashboard, automating inventory management and real-time sales analytics to eliminate manual order moderation.

CodeType – Type-Along Coding Education Platform — [🔗 Live](#)

Aug 2026 – Present

Next.js, TypeScript, Supabase (PostgreSQL, Auth, RLS, Edge Functions), Tailwind CSS, SSLCOMMERZ, Sentry

- A SaaS EdTech platform where students learn by typing real code line-by-line against a live compiler; designed PostgreSQL schemas and server-side authorization to enforce subscription-based paywall access across 432 chapters.
- Implemented RBAC with admin audit logging, anti-cheat contest monitoring via Supabase Realtime, and SSLCommerz payment integration; hardened security with SECURITY DEFINER helpers and privilege-escalation prevention.

Basha Khuji – Property Rental Management — [🔗 Live](#) — [🔗 Github](#)

July 2026

Next.js, TypeScript, Tailwind CSS, Zod, Zustand, Node.js, Express.js, PostgreSQL, Prisma, Stripe

- Engineered an end-to-end property booking and payment lifecycle, streamlining the transition from initial tenant request to active lease, by orchestrating role-based approval workflows in Node.js and integrating Stripe checkout.
- Developed a dynamic, multi-parameter property search engine, delivering instantaneous and shareable filter results, by syncing Next.js URL parameters with React state and optimizing PostgreSQL queries via Prisma.

Professional Experience

Web Development Instructor

Mar 2026 – Present

CUB Skill Development Program

- Planned and delivered a comprehensive full-stack curriculum to a cohort of 12 students, instructing them in JavaScript frameworks, responsive frontend design, and backend API architecture.
- Mentored students through the complete SDLC, conducting over 8 hands-on code reviews and guiding the successful deployment of 8 functional web applications.

Competitive Programming Instructor

Jan 2023 – Oct 2023

Canadian University of Bangladesh

- Instructed 35 freshman students across two semesters in foundational C/C++, crafting hands-on curricula focused on core algorithmic problem-solving and logic building.
- Mentored and coached 10 student teams across 2 live programming contests, providing strategic guidance on algorithm optimization, real-time debugging, and competitive tactics.

Education

B.Sc. in Computer Science and Engineering

July 2026

Canadian University of Bangladesh, Dhaka