



Habibur Rahman Nahid

Full Stack Developer

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PROFILE

Backend-focused Software Engineer with production experience building scalable, secure web applications using NestJS, PostgreSQL, Prisma, and TypeScript. Skilled in designing and implementing RESTful APIs, role-based access control (RBAC), payment systems, real-time features, and containerized deployments using Docker. Experienced in taking systems from architecture and database design through to production deployment, with a strong emphasis on performance, maintainability, and clean backend architecture.

PROFESSIONAL EXPERIENCE

Backend Developer · Softvance — Omega, Betopia

Oct 2025 – May 2026

Dhaka, Bangladesh

- ▶ Designed and maintained production-grade REST APIs using NestJS, Prisma, and PostgreSQL across multiple client-facing applications, owning the full backend lifecycle from schema design to deployment.
- ▶ Built role-based access control (RBAC) systems with JWT authentication, handling permission scoping, token validation, and route-level authorization for multi-role user flows.
- ▶ Implemented real-time features using WebSocket's and Socket.IO, enabling live data push and event-driven communication between server and connected clients.
- ▶ Integrated Stripe payment flows end-to-end — including checkout session creation, webhook event handling, and transaction state management for reliable payment processing.
- ▶ Managed containerized deployments using Docker, maintained CI/CD pipelines, and handled VPS production releases with zero-downtime deployment practices.
- ▶ Coordinated directly with frontend teams on API contract design, response structure, and integration debugging to ensure stable, production-ready feature delivery.

PROJECTS

Trip Buddy · Personal Project · Full Stack

Jul 2025 – Aug 2025

Tech: Node.js, Express.js, TypeScript, Prisma, PostgreSQL, Redis, React

- ▶ Built a full-stack trip planning platform with itinerary creation, trip organization, and collaborative travel management features.
- ▶ Designed normalized relational schemas in PostgreSQL using Prisma, covering users, trips, itineraries, and location associations with proper foreign key constraints.
- ▶ Implemented Redis caching on read-heavy endpoints to eliminate redundant database queries for frequently accessed trip and location data.
- ▶ Built JWT-based authentication with secure session handling, token refresh logic, and centralized error middleware for consistent API responses.
- ▶ Integrated geolocation APIs and OpenStreetMap for map-based trip visualization, handling coordinate storage and location lookup on the backend.

GitHub: github.com/habib33-3/trip-buddy

Pinterest Clone · Personal Project · Full Stack

Apr 2025 – May 2025

Tech: React, Node.js, Express.js, Prisma, PostgreSQL, TypeScript

- ▶ Built a full-stack Pinterest-style platform with image pinning, board management, likes, and comments — covering both backend API and React frontend.
- ▶ Designed normalized PostgreSQL database schemas for users, boards, pins, and reactions.

- ▶ Developed REST APIs for dynamic feed generation, board CRUD operations, and user interaction endpoints including likes and comment threading.
- ▶ Integrated ImageKit for cloud media storage, handling image uploads, transformation pipelines, and optimized delivery URLs on the backend.
- ▶ Managed client-side state with Zustand for global auth and board state, and built a responsive UI using React and shadcn/ui components.

GitHub: github.com/habib33-3/pinterest-clone

SKILLS

Backend	Node.js, NestJS, Express.js
API & Auth	REST APIs, JWT, OAuth, RBAC, Swagger
Database	PostgreSQL, MongoDB, Prisma, Mongoose
Cache & Realtime	Redis, WebSockets, Socket.IO
DevOps & Tools	Docker, Git, CI/CD, GitHub Actions
Languages	TypeScript, JavaScript, Python
Frontend	React, Next.js, Tailwind CSS

EDUCATION

B.Sc. in Computer Science and Engineering

May 2019 – May 2023

Port City International University · Chattogram, Bangladesh

LANGUAGES

Bangla	Native
English	Fluent