

ABDULLAH RAGIB TOQI

Full-Stack Developer

Dhaka, Bangladesh | toqiabdullah61990@gmail.com | +8801626068379

[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

CAREER OBJECTIVE

Backend-focused Full-Stack Developer experienced in building scalable REST APIs, authentication systems, and AI-integrated applications using Node.js, TypeScript, PostgreSQL, and Express.js. Specialized in LLM integration, RAG pipelines, and vector search. Seeking a remote backend or full-stack role with a team to deliver robust, production-ready solutions.

SKILLS

Languages: JavaScript, TypeScript

Front-End: React.js, Next.js, Tailwind CSS, Shadcn/UI, Framer Motion, TanStack Query, Zustand, Firebase, Zod

Back-End: Node.js, Express.js, Better Auth, JWT, Stripe, RAG, Vector Search, Vector Database, LLM Integration, Docker

Database: MongoDB, PostgreSQL, Prisma ORM

Tools: Git, GitHub, VS Code, Npm, Bun, Figma, Vercel, Cloudinary, Postman

PROJECTS

1. Wandr Travels — Full-Stack AI Travel Platform

[Live](#) | [Client](#) | [Server](#)

- **AI Itinerary Generator:** Engineered with Gemini 3 flash model structured outputs to produce complete day-by-day travel plans with activities, timing, and budget breakdowns based on user preferences
- **AI Travel Concierge:** Integrated a multi-turn conversational AI assistant with persistent context memory, real-time streaming responses (token-by-token), and instant advice on visa requirements, packing, and local etiquette.
- **Multi-Role RBAC:** Designed Traveler / Content Manager / Admin architecture with fine-grained permissions, session-based auth via HTTP-only cookies, and dedicated dashboards per role

Tech Stack: TypeScript, Next.js, React, Node.js, Express.js, PostgreSQL, Prisma ORM, Gemini AI, Cloudinary, Tenstack Query, Zod, Node-Cron

2. Green Bangladesh — Environmental Monitoring & Tree Plantation Platform

[Live](#) | [Client](#) | [Server](#)

- **D3.js Interactive Map:** Built a custom SVG map of all 64 Bangladesh districts visualizing real-time environmental zones (Green / Orange / Red) using GeoJSON data with smooth D3.js interactivity
- **CO2 Impact Calculator:** Engineered an interactive tool that converts tree plantation numbers into tangible environmental metrics — CO2 kg offset, car mileage saved, and smartphone charges equivalent.
- **Automated Alert System:** Implemented Node-Cron scheduled jobs with EJS-templated monthly email notifications, auto-alerting users when their district drops into a Red Zone

Tech Stack: TypeScript, Next.js, React, Node.js, Express.js, PostgreSQL, Prisma ORM, d3.js, Framer Motion, TenStack Query, Zod, Node-Cron

3. MediStore — Full-Stack Medicine E-Commerce Platform

[Live](#) | [Client](#) | [Server](#)

- **AI Support Agent:** Built a Gemini Flash-powered floating agent with multi-turn conversation and function calling to query live product, stock & category data from the database in real time.
- **Semantic Search:** Implemented medicine search using vector embeddings & a vector database, enabling natural language queries beyond keyword matching for intent-aware results.
- **Multi-Role Auth:** Architected Admin / Seller / Customer auth with JWT + refresh token rotation, httpOnly cookies, SSR-synced middleware guards, and a ban enforcement layer.

Tech Stack: TypeScript, Next.js, React, Node.js, Express.js, PostgreSQL, Prisma ORM, Gemini AI, Vector DB, Cloudinary

COURSES & TRAINING

The Complete JavaScript Course 2025 — From Zero to Expert: Jonas Schmedtmann — Udemy

[Certificate](#)

Next Level Web Development — Programming Hero (Running)

LANGUAGES

English: Professional Proficiency

Bengali (Bangla): Native