

MD RANOK RAIHAN

Full-Stack Web Developer

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SUMMARY

Full-stack developer with a B.Sc. in Physics. Independently designed, built, and deployed Doable — a production task marketplace with payment processing, JWT auth, wallet settlement, and real users. Comfortable across the full stack from schema design to server configuration. Seeking full-stack, frontend, or backend roles in the Philadelphia area or remote.

SKILLS

Frontend: React.js, Next.js (App Router), JavaScript, TypeScript, Tailwind CSS, shadcn/ui, TanStack Form, Zod

Backend: Node.js, Express.js, REST APIs, JWT auth, Prisma ORM, PostgreSQL, MongoDB

Infrastructure: VPS, Nginx, PM2, UFW, Vercel, Cloudinary, Appwrite, SSLCommerz, Stripe

Tooling: Git, GitHub, Postman, Figma, VS Code

PROJECTS

Doable — Micro Freelancing Marketplace [Live ↗](#) · [Frontend ↗](#) · [Backend ↗](#)

Next.js · TypeScript · Node.js · Express · PostgreSQL · Prisma · Cloudinary · Mapbox · SSLCommerz · JWT · Nginx · PM2

- Designed and built a full-stack micro-freelancing marketplace solo — users post freelance jobs and apply as workers within a single account, covering the full lifecycle from posting to payment settlement.
- Architected a modular Node.js/Express REST API with route/controller/service separation, centralized error handling, Zod validation, and a shared api-contracts spec between frontend and backend.
- Implemented JWT auth with httpOnly refresh tokens (SameSite=Lax, Secure) and silent token refresh via Next.js middleware — persistent sessions without re-authentication.
- Built a wallet and commission system with online payment via SSLCommerz gateway, cash confirmation flow, and withdrawal requests supporting bank and mobile banking methods.
- Integrated Cloudinary for image uploads, and Mapbox for job location with autocomplete, geolocation.
- Deployed backend on a Linux VPS with Nginx reverse proxy and PM2; frontend on Vercel — full production environment with environment-separated configs.

Moto Vibe — E-commerce Bike Store [Live ↗](#) · [Frontend ↗](#) · [Backend ↗](#)

React.js · Tailwind CSS · Node.js · Express · MongoDB · Mongoose · JWT

- Built a full-stack e-commerce platform with dynamic product listings, category filtering, and a responsive UI across 100+ catalog items.
- Secured with JWT-based auth and role-based access control — protected admin routes for product management and order handling across separate frontend and backend repos.

EDUCATION

B.Sc. in Physics · National University, Bangladesh

2018 – 2021

Next Level Web Development · Programming Hero

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