



MD RIMON HOSSAIN

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SUMMARY

A MERN Stack Developer with expert skills in Redux Toolkit, Next.js, and VPS deployment. Proven ability to build scalable web applications, from complex design marketplaces to AI-powered tools named MetaboostAI. Experienced in designing decoupled architectures with Express.js REST APIs and Next.js frontends. Familiar with Python and Java, constantly adapting to new technologies.

TECHNICAL SKILLS

- **Languages:** JavaScript(ES6+), TypeScript, Python (Familiar), Java (Basic).
- **Frontend:** React.js, Next.js (App Router), Redux Toolkit, Tailwind CSS.
- **Backend:** Node.js, Express.js (REST API), MongoDB, Mongoose.
- **DevOps & Tools:** VPS Hosting, Git, GitHub, Gemini AI API, Stripe.
- **Authentication:** NextAuth.js, JWT, Role-Based Access Control (RBAC).

KEY PROJECTS

1. AIMetadataGenerator(MetaboostAI)

Next.js, GeminiAI, Tailwind, VPS

- Developed "MetaboostAI", a SaaS tool for generating SEO-optimized image metadata.
- **Challenge:** Overcame free API limits by architecting a client-side batch processing system where users input their own keys.
- Optimized for production deployment on VPS, ensuring stability and low latency.
- **Project Links:** [\[Live Site\]](#) [\[GitHub Repo\]](#)

2. DesignSellingMarketplace

Next.js, Express.js, MongoDB, Stripe

- Built a digital marketplace using a decoupled architecture: **Next.js** for the frontend and **Express.js** for the REST API backend.
- Implemented secure payments via Stripe and managed complex state using Redux Toolkit.
- Designed a Multi-Role Authentication system (Super Admin, Admin, Customer) using JWT.
- **ProjectLinks:** [\[LiveSite \]](#) [\[FrontendRepo \]](#) [\[BackendRepo \]](#)

EDUCATION

Diploma in Computer Science & Technology

Kushtia Polytechnic Institute

Current Student

Secondary School Certificate (SSC)

Bairagir Chair High School

Completed: 2022

LANGUAGES

- **Bengali:** Native
- **English:** Professional Working Proficiency