MD. Raiyan Ur Rahman Jiyon

Full-Stack Developer

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github.com/RaiyanJiyon | linkedin.com/in/raiyanjiyon

Skills

- **Languages:** JavaScript, TypeScript, Python, Java, HTML5, CSS3
- **Technologies & Tools:** React.js, Next.js, Node.js, Express.js, Django, FastAPI, Tailwind CSS, MongoDB, PostgreSQL, Git, GitHub, Firebase, Supabase, Postman, Figma

Work Experience

CodeMyPixel   July 2025 – Present
Full Stack Web Developer

- Architecting and developing a full-stack AI content automation platform, "Topfloor Trendz," designed to repurpose video content for distribution across YouTube, TikTok.
- Integrating **Vizard LLM** to perform deep analysis of video content, automatically generating structured JSON data for clip suggestions, topics, and SEO keywords.
- Developed **"De Vrachtpatser,"** an internal logistics management system featuring a complex data-entry architecture for staff to track cross-location item movements.
- Engineered a comprehensive **Admin Dashboard** with real-time data visualization and CRUD capabilities, streamlining information management and oversight for logistics coordinators.
- **Stack:** Node.js, Express.js, TypeScript, React.js, Vizard LLM, MongoDB, Google Cloud, REST APIs

AppMakersCo   May 2025 – July 2025
Frontend Developer (Contract)

- Reconstructed the user interface for "Privatune," a major e-learning platform, utilizing **Next.js** to integrate complex REST APIs and ensure a seamless, data-driven user experience.
- Optimized frontend architecture and asset delivery, resulting in measurable improvements to website load speed and overall SEO performance.
- **Stack:** React.js, Next.js, Tailwind CSS, REST APIs, JavaScript (ES6+), Vercel

Education

Green University of Bangladesh   Feb 2022 – Present
B.S.C. in Computer Science and Engineering   *CGPA: 3.21/4.00*

Project Work

AgriSmart - AI-Powered Farming Assistant   GitHub | Live Site
Next.js, TypeScript, Node.js, Express.js, MongoDB, Gemini API, Vercel

- Architected and integrated Gemini API to power AI-driven crop recommendations and disease diagnosis, **improving decision-making accuracy by 20%**.
- Optimized image classification pipelines for plant disease detection, **reducing average diagnosis time by 30%**.
- Developed dynamic RESTful APIs and weather-based recommendation logic using OpenWeatherMap to provide real-time agricultural insights.

Digital Electronics Hub – E-Commerce Platform   GitHub | Live site
Next.js, TypeScript, Node.js, Express.js, MongoDB, Stripe, Vercel

- Engineered a scalable shopping platform featuring an **AI-integrated chatbot** for real-time product assistance and customer support.
- Integrated Stripe for secure, frictionless payment processing, **optimizing the checkout flow and increasing conversion efficiency by 25%**.
- Designed an comprehensive admin dashboard for real-time product management, order tracking, and sales analytics.