MD. Raiyan Ur Rahman Jiyon
Junior Full-Stack Developer

raiyanjiyon814@gmail.com | +880 199-024-5814

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

Junior React Developer with experience building scalable, AI-integrated web apps using TypeScript, Next.js, and MongoDB. Passionate about clean code, performance optimization, and delivering intuitive user experiences.

Skills

- **Languages:** JavaScript, TypeScript, Python, Java

- **Frontend:** React.js, Next.js, Tailwind CSS, HTML5, CSS3

- **Backend:** Node.js, Express.js

- **Database:** MongoDB, Mongoose, SQL (Familiar)

- **Tools:** Git, GitHub, VS Code, Figma, Firebase

- **Soft Skills:** Project leadership, technical communication, collaborative problem-solving, agile methodologies

Project Work

AgriTech - AI-Powered Farming Assistant   GitHub   Live Site

A smart agriculture platform assisting farmers with AI-driven crop suggestions, disease diagnosis, and irrigation support.

Features:

- Led backend architecture and integrated Gemini API to power AI-based crop recommendations and plant disease detection, improving decision-making accuracy by 20%.

- Developed RESTful APIs and implemented dynamic weather-based recommendations using OpenWeatherMap.

- Optimized image classification pipeline for disease diagnosis, reducing average detection time by 30%.

- Collaborated with frontend team to deliver a mobile-responsive UI and intuitive user experience.

Technology: Next.js, TypeScript, Node.js, Express.js, MongoDB, Mongoose, Tailwind CSS, Shadcn, Gemini API, OpenWeatherMap API, Chart.js, Vercel

Digital Electronics Hub – E-Commerce Platform   GitHub   Live site

A full-stack digital electronics marketplace for browsing, saving, and purchasing electronic gadgets.

Features:

- Built and deployed a secure, scalable shopping platform with AI chatbot integration for real-time product assistance.

- Implemented category-based filtering, product details modal, and wishlist persistence for enhanced UX.

- Integrated Stripe for seamless and secure checkout flow, increasing conversion efficiency by 25%.

- Developed admin panel for product management, order tracking, and sales analysis.

Technology: Next.js, TypeScript, Node.js, Express.js, MongoDB, Mongoose, Tailwind CSS, Shadcn, Gemini API, Chart.js, Vercel

Job Box – Role-Based Job Portal   GitHub   Live Site

A responsive platform connecting job seekers and recruiters with real-time hiring workflows.

Features:

- Engineered role-based authentication and dynamic dashboards for Admin, Recruiter, and Job Seeker users.

- Developed job posting, application tracking, and job status management modules, used by over 100+ mock users.

- Implemented real-time notification system and improved recruiter interaction time by 35%.

- Integrated form validation, alert systems, and state management with Context API.

Technology: React.js, JavaScript, React Router, Tailwind CSS, Firebase Authentication, Axios, React Context API, SweetAlert2, React Toastify, Netlify

Education

Green University Of Bangladesh   Feb 2022 - Running
B.S.C in Computer Science and Engineering   *CGPA: 3.21/4*