Balay Kumar Bagchi

Front-end developer

GitHub
Portfolio

Khansamar Chak, Ghoramara, Rajshahi
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Career Objective:

Love to work with web technologies and make different UIs. The goal is to make a career as a front-end developer and have a dream to establish me as a full-stack developer.

Programming Skill:

Comfortable: React, JavaScript, Tailwind, React Hook Form, React Router, Zod

Familiar: ExpressJS, NextJS, TypeScript, MongoDB, PostgreSQL, Python

Tools: Git, Firebase, Chrome Dev Tools, VS Code, Sublime Text

Projects:

Collab Space | **Source Code**, **Live Link**

- Full stack collaboration and productivity platform.
- Real time collaboration, modular project and task system**.**
- Role based permission and analytics dashboard.
- File uploads (Img+ Doc), multi device user session support.
- Live notification, role-based permission, database-driven notes system.
- Built with **React**, **Express**, **MongoDB (Mongoose), Socket.Io, Cloudinary**.

Rail Pass | **Source Code**, **Live Link**

- Full stack railway reservation system.
- Secure payment with cancellation and refund management.
- Ticket verifies using PNR and get PDF ticket or via email.
- PDF ticket contains a QR code for flexible use and reliability.
- Built with **Express, MongoDB (Mongoose), EJS, SSLCommerz**.

Bikroy Hub | [Source Code, Live Link](#)

- MERN project as P2P marketplace for buyers and sellers.
- Buyer and sellers connect, post ads and exchange goods.
- Escrow payment system with SSLCommerz integration.
- Real time chat between buyer and seller.
- Built with **React**, **Express**, **MongoDB, Socket.Io, SSLCommerz, Firebase** auth.

Scholar Stream | [Source Code, Live Link](#)

- MERN scholarship management and application platform.
- Role based access system and separate dashboard based on user role.
- Admin manages scholarship, moderator manages student application and student apply for certain scholarship.
- Secure and real-time payment processing with Stripe.
- Built with **React**, **Express, MongoDB (Mongoose), Stripe, Firebase** auth.

Education:

January 2017 - December 2020
Varendra University, Rajshahi - *B.Sc. in* **Computer Science and Engineering**
CGPA: 3.85/4

July 2022 - December 2023
University of Rajshahi, Rajshahi - *M.Sc. in* **Computer Science and Engineering**
CGPA: 3.71/4

Reference:

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