

Alok Roy

Full Stack Developer

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SKILLS

- **Frontend:** JavaScript, React.js, Next.js, HTML, CSS (Tailwind CSS), React Bits, Framer Motion.
- **Backend:** Node.js, Express.js, MongoDB, RESTful APIs.
- **Version Control & Deployment:** Git, GitHub, Vercel, Netlify.
- **Tools & Others:** C, C++, WordPress, NPM, Vite.
- **Interpersonal Skills:** Problem-Solving, Collaboration, Communication, Continuous Learner.

PROJECTS

1: BMS – Building Management System (Personal Project)

[Live Link](#) | [Frontend](#) | [Server](#)

Building Management Systems (BMS) are integrated platforms that monitor and control a building's mechanical, electrical, and electromechanical services.

Technologies:

- ReactJS, JavaScript, TailwindCSS, Stripe, Firebase, MongoDB, Express.js.

Features:

- Secure and efficient payment processing for premium subscriptions.
- Users can search by title, filter by publisher or tags, and sort articles by date.
- The application checks for expiration dates for premium users every 30 seconds and popup alerts.

2: RedAid - An Advanced Blood Management Platform. (Personal Project)

[Live Link](#) | [Frontend](#) | [Server](#)

The Blood Donation Application is a user-friendly platform designed to connect donors with those needing blood, enhancing the efficiency and seamlessness of the donation process.

Technologies:

- React.js, Tailwind CSS, DaisyUI, Node.js, Express.js, Firebase, Swiper, Framer Motion

Features:

- System for tracking emergency blood requests in urgent cases
- **Filtering** – Search donor by blood group and location
- **Role Based** dashboard(**Admin, Moderator & user** has their separate dashboard with separate permissions.)

3: RunFest: A Marathon Event Application (Personal Project)

[Live Link](#) | [Frontend](#) | [Server](#)

RunFest is a full-stack Marathon Management System for creating and managing marathon events with a personalized dashboard. It provides secure authentication and registration management for organizers and participants.

Technologies:

- React.js, Tailwind CSS, DaisyUI, Node.js, Express.js, Firebase, Swiper, Framer Motion

Features:

- **Marathon Management:** Add new Marathon events with details like type, description, and deadlines.
- **Personalized Dashboards:** Users can view and manage their marathon events and application.
- **Authentication:** Secure login/registration system, with Google social login.

Education

Diploma in Computer Science Technology

|| **Time Period:** 02/2024-Running

Dinajpur Polytechnic Institute

Session: 2021-2022 (Present - 8th Semester)

|| Dinajpur, Bangladesh

Language

English

Comfortable

||

Bengali

Native

||

Hindi

conversational

Certification

Complete Web Development

Programming Hero

Certificate