

**Roshan Kumar Ray**

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## Objective

Student with a strong passion for Frontend Web Development. Skilled in ReactJS, JavaScript, HTML, CSS, and knowledge of MERN, focusing on building user-friendly, responsive web applications. Seeking opportunities to further develop and apply my skills in a professional setting.

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## Education

### Bachelor of Technology (B.Tech) in Mechanical Engineering

Heritage Institute of Technology, Kolkata

**Expected Graduation:** 2027

**CGPA:** 8.1 (First Year)

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## Skills

- **Frontend:** HTML, CSS, JavaScript, ReactJS, Next.js
  - **Backend:** Basic knowledge of Node.js, Express.js
  - **Database:** MongoDB (Basic)
  - **Version Control:** Git, GitHub
  - **Tools:** VS Code
  - **Responsive Design:** Flexbox, CSS Grid, Media Queries
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## Projects

### 1. Student Smart Card Portal (ReactJS, Next.js)

A comprehensive system designed to manage student services efficiently.

- Features login options for library, canteen, stationary, and student dashboard.
- Dynamic routing based on service selection and student roll number.
- OTP-based phone verification for transactions using Twilio.
- Integration of MongoDB for storing and fetching student data, including balances, issued books, and transaction history.
- Responsive and user-friendly UI for seamless navigation.

**Tech Stack:** ReactJS, Next.js, MongoDB, Twilio, CSS

## 2. Password Manager (ReactJS)

A web application that allows users to securely store and manage their passwords.

- Features include user authentication, password encryption, password generation tool.
- Designed with responsive layouts for mobile and desktop users.

**Tech Stack:** ReactJS, MongoDB, Node.js, CSS

## 3. Stock Management Website (ReactJS)

Developed a stock management system to track and manage inventory with an intuitive user interface.

- Features include adding, updating, and deleting stock items, real-time stock level updates, and search functionality with filters.

**Tech Stack:** ReactJS, MongoDB, Express.js, CSS

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## Languages

- **English:** Fluent
- **Hindi:** Native
- **Bengali:** Fluent

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## Hobbies & Interests

- Web Development
  - UI/UX Design
  - Problem Solving
  - Robotics (Mechanical Engineering Interest)
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