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Prince Raj

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Professional Summary

Full Stack Developer with hands-on experience building scalable MERN stack applications. Proficient in React, Node.js, and MongoDB with a strong passion for creating impactful solutions and contributing to real-world projects.

Education

Haldia Institute of Technology **2024 – 2028**
Bachelor of Technology in Electrical Engineering *Haldia, West Bengal, India*

CGPA: 7.6

Dhanraj Singh High School **2021 – 2023**
BSEB Intermediate – PCMB Stream *Jamui, Bihar, India*

Score: 67%

Projects

Projects

DreamSchool – School Management System – Live Project

- Developed a full-stack School ERP platform using Next.js, Node.js, Express.js, and MongoDB supporting Admin, Principal, Teacher, Student, and Parent roles
- Implemented secure JWT-based authentication and role-based access control ensuring protected access across multiple user types
- Built an attendance management module enabling teachers to record, update, and monitor student attendance with centralized reporting
- Developed a principal-to-teacher task assignment system streamlining academic and administrative workflow management
- Created a parent portal providing real-time access to attendance records, student updates, and school announcements
- Designed scalable REST APIs and MongoDB data models supporting school operations and user management

Event Management Platform – Live Project

- Built a Next.js platform with Node.js and MongoDB managing event registration for 1500+ participants annually
- Automated bulk certificate generation with QR codes producing 200+ certificates per event using ImageKit
- Integrated Resend for bulk email achieving 95% delivery rate via SMTP templates
- Developed admin dashboard with Redux and Recharts enabling real-time analytics for 10+ events
- Optimized performance with Redis caching reducing data retrieval time by 50% and deployed on Render

Luxane – E-Commerce Platform – Live Project

- Developed a production-ready e-commerce platform using Next.js, Node.js, Express.js, and MongoDB for online jewelry sales
- Integrated Razorpay payment gateway enabling secure online payments and seamless checkout experience
- Built dynamic product catalog, cart, wishlist, and order management workflows improving customer purchasing experience
- Implemented authentication, protected routes, and user account management with JWT-based authorization
- Designed responsive UI with Tailwind CSS ensuring optimized experience across desktop and mobile devices
- Deployed and maintained scalable application architecture with focus on performance, security, and reliability

Technical Skills

Languages: C, Python, JavaScript, TypeScript, SQL, NoSQL

Frontend: React.js, Next.js, Tailwind CSS, Redux, Redux Toolkit

Backend: Node.js, Express.js, REST API, JWT Authentication

Databases: MongoDB, PostgreSQL, Redis

Tools: Git, GitHub, VS Code, Postman, Docker

Cloud & DevOps: AWS (EC2, S3, Lambda), Google Cloud Platform, GitHub Actions, CI/CD

Other: Problem Solving, System Design, Agile Development