

Rahul Saini

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PROFESSIONAL SUMMARY

Final-year Computer Science student and passionate Full-stack Software Developer with specialization in MERN, Next.js, and Django. Knowledgeable in JavaScript and TypeScript, python, DSA, well-versed in cloud implementation (AWS, Vercel, Docker). Fast learner, adaptive, perpetually interested in new technologies, and a keen interest in creating scalable, secure, and meaningful applications to address real-world problems.

EDUCATION

Vivekananda Institute of Technology, Jaipur
B.Tech - Computer Science and Engineering - CGPA - 7.6

2022 – 2026

Jaipur, Rajasthan

TECHNICAL SKILLS

Languages & Fundamentals: JavaScript, TypeScript, C++, Python, SQL, MongoDB, DSA
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, React Native, Django, Tailwind CSS, Bootstrap, DevOps & Cloud : Git, GitHub, Docker, AWS (EC2, S3), Vercel, CI/CD
AI Tools: ChatGPT, Claude AI, Gemini AI, LLaMA, DeepSeek

PROFESSIONAL EXPERIENCE

MERN Stack Developer Intern
Requin Solutions Pvt. Ltd. (Jaipur)

Feb 2025 – Aug 2025

- Designed and developed a secure **E-Learning Platform** using the MERN stack, featuring AWS S3 video storage, chunk-based streaming to prevent downloads, single-device login restriction, and an admin panel for course, user, and video management. Deployed on **Vercel** for seamless scalability.
- Engineered an **Employee Tracking System** using Django, MySQL, and Electron.js; auto-generates .exe desktop apps for employees, tracks attendance, app and browser activity in real-time, and is deployed on **AWS EC2** for high availability and performance.

PROJECTS

LearnHub: AI-Powered E-Learning Platform

Github

React.js, Node.js, Express.js, MongoDB, AWS S3, Google Gemini AI, Razorpay, JWT, Mongoose, Tailwind CSS, Nodemailer.

- Engineered a full-stack, AI-powered e-learning platform using the MERN stack, featuring a comprehensive admin dashboard for course and user management, and an interactive student portal with secure video streaming.
- Integrated advanced services for a robust user experience, including AWS S3 for secure media hosting via pre-signed URLs, a Google Gemini AI-powered assignment generator, and the Razorpay API for seamless payment processing.

Task Master (Task Management Application)

Github

React-Vite, Tailwind css, JavaScript ,Node.js, Express.js, MongoDB, JWT, bcrypt, Nodemailer, Authentication Middleware

- Complete Task Management Solution - Created an entire web app utilizing React, Node.js, Express, and MongoDB featuring role-based access control, JWT authentication, and live notifications.
- RESTful API and Database Architecture - Developed secure backend APIs featuring CRUD functionalities, designed MongoDB schemas using Mongoose, and established an interactive dashboard with user management and task analysis capabilities.

IShop (E-Commerce Application)

Github

React, Redux Toolkit, Material Tailwind CSS, RazorPay Node.js, Express, MongoDB

- Full-Stack E-commerce Platform: Built an all-in-one online shopping app in React.js, Node.js, Express.js, and MongoDB with a secure user authentication system, running shopping cart, and Razorpay payment gateway client.
- Admin Management System: Designed a fully developed administrative dashboard with CRUD operations on product, product category, and order management as well as monitoring transactions that allow full business management.

CERTIFICATIONS & ACHIEVEMENTS

- MERN Stack Certification:** Mastered front-end and back-end development with MongoDB, Express, React, and Node.js through comprehensive certification at WSCube Tech.
- Hackathon Team Leader:** Led a 4-member team in a 72-hour hackathon, developed an AI-powered project ranked in Top 15 out of 400+ teams.