

Rajan Kumar Maurya

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PROFESSIONAL SUMMARY

MERN Stack Developer with 6 months of hands-on experience building and deploying scalable web applications using React.js, Node.js, Express.js, and MongoDB. Skilled in RESTful APIs, JWT authentication, responsive UI development, and production deployments. Proficient in Git/GitHub, Agile methodology, Data Structures, Algorithms, and System Design.

EDUCATION

Dr. HariSingh Gour Central University

July 2024 – Present

Masters of Computer Applications (MCA)

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Web Development, Software Engineering, System Design

WORK EXPERIENCE

MERN Stack Developer Intern

June 2025 – Nov 2025

TechnoHack EduTech

Remote

- Developed full-stack MERN applications with CRUD operations, RESTful APIs, and JWT authentication
- Built responsive, mobile-first UI components using React.js and Tailwind CSS
- Applied Agile development practices, version control workflows, and deployment to production environments

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Java, Python, C

Frontend: React.js, Next.js, Redux Toolkit, Context API, Tailwind CSS, Bootstrap, Material UI

Backend: Node.js, Express.js, RESTful APIs, JWT Authentication, OAuth, bcrypt

Database: MongoDB, MySQL, SQL, Schema Design, Query Optimization, Indexing

Tools & Practices: Git, GitHub, VS Code, Postman, npm, Vercel, Agile/Scrum, API Development

PROJECTS

Booking Movie App | *React.js, Node.js, Express.js, MongoDB* | **Live** | **GitHub**

- Developed full-stack movie booking system with JWT authentication, protected routes, and secure password encryption using bcrypt
- Implemented dynamic seat selection and pricing logic using React Context API for state management
- Designed optimized MongoDB schema with proper indexing and deployed frontend on Vercel

Real-Time Chat Application | *HTML, CSS, JavaScript, Socket.IO, Node.js* | **GitHub**

- Built real-time chat application with Socket.IO featuring room-based messaging and live event handling
- Implemented typing indicators, online/offline status updates, and optimized WebSocket connections for concurrent users

Real Estate Website | *HTML, CSS, JavaScript, React.js* | **Live** | **GitHub**

- Created responsive property listing platform with mobile-first design and dynamic contact forms
- Implemented advanced filtering and search functionality by location, price range, and property type using React Hooks

ACHIEVEMENTS & CERTIFICATIONS

- Participated in Smart India Hackathon, collaborating with team members to develop innovative solutions
- Solved 100+ Data Structures & Algorithms problems on LeetCode, strengthening problem-solving and coding skills
- Full-Stack Portfolio: Built and deployed 4+ production-ready MERN applications with authentication and real-time features
- Freelance Development: Delivered custom React.js web solutions for small businesses, meeting strict deadlines and requirements
- Certifications: React.js & MERN Stack Development certification with industry-standard best practices