

Sudeep Kumar Mandal

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PROFESSIONAL SUMMARY

MERN Stack Developer with **1+ Year of Full-Time Professional Experience** building scalable, responsive web applications using React.js, Node.js, Express.js, and MongoDB. Proficient in JavaScript (ES6+), Tailwind CSS, Redux, REST APIs, Socket.io, and AI-assisted development including Generative AI and Agentic AI workflows. Proven ability to deliver production-ready full-stack features in a professional team environment.

EXPERIENCE

CodeQueue — Frontend Developer — Full-Time

May 2025 — May 2026 | 1 Year

- Developed and delivered production-ready frontend applications using React.js, JavaScript (ES6+), Tailwind CSS, and REST API integration, directly improving application performance and user experience.
- Architected scalable state management using Redux, React Hooks, and Context API, reducing UI inconsistencies and improving maintainability across multiple product modules.
- Built and maintained a shared reusable React component library and implemented real-time features using Socket.io including live chat, notifications, and dynamic content updates.
- Collaborated cross-functionally with backend engineers on Node.js/Express.js APIs and MongoDB schemas, and leveraged Generative AI tools (GitHub Copilot, ChatGPT) to accelerate development and code quality.

CodeQueue — Frontend Developer Intern

Feb 2025 — May 2025 | 3 Months

- Built pixel-perfect responsive UI components in React.js and Tailwind CSS from Figma design specifications.
- Integrated third-party REST APIs, resolved cross-browser compatibility issues, and participated in Git workflows, agile sprints, and peer code reviews.

TECHNICAL SKILLS

- Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js, Tailwind CSS, Responsive Web Design
- Backend:** Node.js, Express.js, REST APIs, Socket.io, WebSockets
- Database:** MongoDB, MySQL
- State Management:** Redux, React Hooks, Context API
- AI / Generative AI:** Generative AI, Prompt Engineering, Agentic AI Workflows, LLM API Integration, GitHub Copilot
- Tools:** Git, GitHub, VS Code, Postman, Figma, Netlify, Render

PROJECTS

VIA — Video Interaction Application | MERN Stack, Socket.IO, Agora SDK

[🔗 Live](#) [🔗 Code](#)

- Built a full-stack real-time chat and video calling platform using React.js, Node.js, and MongoDB with Agora SDK and Socket.io for low-latency audio/video communication.
- Designed scalable group room architecture with private rooms, role-based permissions, and admin access control for secure multi-user sessions.
- Implemented advanced video controls (mute/unmute, grid layout, pinned view), typing indicators, and speech-to-text for an enhanced user experience.

Task Mate — Task Management System | React.js, JavaScript, LocalStorage

[🔗 Live](#) [🔗 Code](#)

- Developed a CRUD task management application with priority tagging and status tracking using React.js, JavaScript (ES6+), and React Hooks (useState, useEffect) for efficient state management.
- Implemented browser LocalStorage for persistent client-side data storage, delivering a fully functional offline-capable task manager without requiring a backend.

Cinamate — Movie Discovery Platform | React.js, TMDB API, Tailwind CSS

[🔗 Code](#)

- Built a responsive movie discovery platform consuming the TMDB REST API for real-time movie data, ratings, and metadata with dynamic search, genre filtering, and pagination.
- Implemented dark/light mode toggle using React state and Tailwind CSS utility classes, improving accessibility, UI consistency, and overall user experience.

EDUCATION

Lakshmi Narain College of Technology Excellence, Bhopal

Bachelor of Technology (B.Tech)

Sept 2021 — May 2025

CGPA: 7.67 / 10.00

CERTIFICATIONS

- Frontend Development Certification — Infosys Springboard
- Frontend Developer Internship Certificate — CodeQueue (Feb 2025 — May 2025)