

OM RAVINDRA SAHARE

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EDUCATION

Yeshwantrao Chavan College of Engineering, Nagpur | 2022 - 2026

B. Tech in Computer Science and Engineering (IoT) | CGPA: 7.91

EXPERIENCE

Software Developer Intern - Tata Steel

January 2026 - Present

- **Tech Stack:** React Native, JavaScript, Node.js, Express.js, Git, GitHub
- Developed and maintained cross-platform mobile applications using React Native for Tata Steel's internal platforms.
- Built backend APIs using Node.js and Express.js to support mobile application features.
- Used Git and GitHub for version control, code reviews, and team collaboration.

PROJECTS

MediGuard – Drug Interaction System | [GitHub](#)

- Developed a full-stack web application to detect and prevent harmful drug interactions by analyzing user prescriptions against a medical drug database.
- Integrated a machine learning model to enhance interaction detection accuracy and promote patient safety.
- Implemented a secure, responsive interface supporting real-time analysis, automated alert generation, caregiver accessibility, and efficient management of patient health records.

Tech Stack: React, Express.js, Node.js, MongoDB, Python, Pandas, Scikit-learn, Flask

Impact: Helps reduce adverse drug reactions, supports safer prescriptions, and improves overall healthcare outcomes.

Streamify – Real-Time Video Calling, Chat, and Social Web App | [GitHub](#)

- Built a real-time video calling and chat web application using MongoDB, Express.js, React.js, and Node.js.
- Applied WebRTC for high-quality video/audio communication and Socket.IO for instant messaging.
- Designed a responsive and modern UI using Tailwind CSS for smooth cross-device performance.
- Integrated secure user authentication to ensure privacy and safe interactions within the platform.

Tech Stack: HTML, CSS, JavaScript, React, Node.js, Express.js, Tailwind, MongoDB

Impact: Enhanced digital connectivity by enabling secure, real-time communication and fostering social interaction across users.

Mobile Portfolio Generator – Full-Stack Mobile App | [GitHub](#)

- Built a cross-platform React Native application that converts resumes into live, cloud-hosted portfolio websites.
- Developed a Node.js and Express backend for resume upload, data extraction, template generation, and deployment.
- Implemented real-time portfolio preview and automated URL generation to streamline portfolio creation.

Tech Stack: React Native, JavaScript, Node.js, Express.js, REST APIs

Impact: Enables developers and job seekers to generate professional, shareable portfolio websites in minutes, reducing manual effort and eliminating the need for design or hosting expertise.

Eclipse – Dark Mode & Typography Chrome Extension | [GitHub](#)

- Built a Chrome extension that applies customizable dark mode and font themes to any website with per-site customization and saved preferences.

TECHNICAL SKILLS

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|---------------------------------|--|
| Programming Languages | Java, JavaScript, Python |
| Libraries and Frameworks | React Native, React.js, Node.js, Express.js, Angular |
| Course Work | DSA, OOPs, CN, Operating System, DBMS |
| Tools and Technologies | Git, GitHub, Postman |
| Databases | MySQL, MongoDB, Firebase |

ACHIEVEMENTS & TECHNICAL EXCELLENCE

- **Active Hackathon Participation:** Participated in multiple regional, national-level, and online platform hackathons, demonstrating strong problem-solving, teamwork, and innovation skills.
- **DSA & Problem Solving:** Solved **700+ problems** across LeetCode, GeeksforGeeks, CodeChef, and Codeforces with active contest participation demonstrating strong algorithmic and problem-solving skills.