

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

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.