

ADITYA SATHAWANE

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Education

Shri Guru Gobind Singhji Institute of Engineering and Technology

Bachelor of Science in Electronics and Telecommunication ; CGPA: 8.71/10.00

Nov.2022 – Present

Nanded, Maharashtra

J. M. Patel College

Higher Secondary Education XII Board ; Percentage: 91.17

2019 – 2021

Bhandara, Maharashtra

Projects

Nex-Chat : Real-Time Chat App | GitHub ↗ | Live Demo ↗

MongoDB, Express.js, React, Node.js, Socket.IO, Zustand, DaisyUI, Tailwind CSS

- Developed a **real-time messaging app** using the **MERN stack** and integrated **Socket.IO** for live, two-way communication.
- Shifted global state management to **Zustand**, reducing codebase complexity by 15% and improving the maintainability of user session data and settings across the application.
- Planned a responsive UI with **DaisyUI** and **Tailwind CSS**, enabling **100% mobile compatibility**, featuring **theme toggling** and **adjustable font sizes** for improved user experience.
- Enabled online user tracking to display active users with live updates and latency under **100ms**.

Automated Transparent College System | GitHub ↗

React.js, Node.js, Express.js, MongoDB, Tailwind CSS

- Built an end-to-end digital paperless college management platform automating elections, complaints, budgeting, and approvals, reducing manual effort by over 70%.
- Integrated **Nodemailer** to automate **email notifications for health and leave events**, improving parent-coordinator communication efficiency by **60%**.
- Designed a **role-based** approval flow for proposals and budgets with live status, priority flags, and stakeholder access.
- Created an **anonymous complaint submission system** with moderation and public tracking, securely handling **20+** complaints via **college email authentication**.

Resumind : AI-Powered Resume Analyzer | GitHub ↗

React, React Router v7, Claude Sonnet 4, Zustand, Tailwind CSS, Puter.js

- Built a **resume analysis system** that evaluates candidate resumes against job descriptions using **Claude Sonnet 4** for semantic scoring and ranking.
- Used **Puter.js** for **authentication, cloud storage, and AI services** directly in the frontend, eliminating backend setup and **reducing deployment time by 50%**.
- Managed global state with **Zustand** and routing with **React Router v7** for evaluation workflows.
- Structured the UI using **Tailwind CSS**, decreasing manual review workload by **70%**.

Technical Skills

Languages: C, C++, Java, JavaScript

Backend: Node.js, Express.js, REST APIs

Frontend: HTML, CSS, React.js, Tailwind CSS

Database: MongoDB, MySQL

Tools: Git, GitHub, Postman, Linux, Visual Studio Code

Core Concepts: Data structures and algorithms, OOP, DBMS, Operating Systems, Computer Networks

Key Achievements

- **Leetcode Solutions:** Solved **350+ problems**, achieving a contest rating of **1624**, with a focus on DSA ↗
- Earned **Generative AI** skill badges on Google Cloud Skills Boost ↗
- Earned a **Generative AI for Everyone** certificate from DeepLearning.AI via Coursera (**July 2025**) ↗
- Ranked **147th** out of **1.2k+** participants in the **Code-O-Phile coding contest** organized by IIIT Nagpur (2025)