Sanskar Dagade

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EDUCATION

Dr.D.Y. Patil Institute of Technology — **Pune**, India
B.E Computer Engineering — Aug 2022 - Aug 2026

K.B Rohamare Junior College — **Kopargaon**, India
H.S.C — June 2020 - March 2022

Shri Sharda English Medium School — **Kopargaon,** India
S.S.C — March 2019 – March 2020

SKILLS SUMMARY

- **Languages**: C, C++, JavaScript, Python
- **Web Development:** HTML, CSS, JavaScript, ReactJS, Tailwind CSS, Node.js, Express.js
- **Database Management**: MySQL, MongoDB, SQLite, PostgreSQL, NeonDB
- **Soft Skills**: Probem-Solving, Team Collaboration, Strong Communication

WORK EXPERIENCE

Internship | Meds4you (Live at meds4you.in) — Jan 2025 – May 2025

- Led the development of a fully functional **e-commerce platform** for generic medicines, managing both **frontend and backend** using **React, Tailwind CSS, and Express.js**.
- Designed a **seamless and user-friendly interface**, enhancing accessibility and user engagement.
- Engineered **robust backend APIs** to ensure efficient data management and smooth client-server communication.
- Optimized the **codebase for performance and scalability**, ensuring **fast load times** and a highly **responsive user experience**.
- Successfully **deployed and hosted** the website at **meds4you.in**, making it live and accessible to users.

PROJECTS

Campus Connect — **Link**

- Led the development of a full-stack campus management system focused on **security, faculty and student well-being**.
- Architected backend infrastructure using **Node.js** and **Express** for robust data handling, real-time notifications, and user role management.
- Integrated **CCTV-based face recognition using AI models** for automated student attendance, minimizing manual overhead.
- Developed modules for **student tracking, course and document management, real-time alerts, and stress monitoring tools**.
- **Adopted by 450+ active users**; received approval from **two colleges for integration** into their campus systems.

Meeting of the Minutes (MoM) Generator – AI-Powered Automation — **Link**

- Developed an **AI-driven MoM Generator** integrating real-time transcription, attendance tracking, and automated meeting documentation.
- Designed an intuitive **frontend using React, Tailwind CSS, and Bootstrap** for a seamless and user-friendly experience.
- Integrated **IoT sensors, facial recognition, and real-time analytics** for automated attendance tracking and meeting insights.
- Built a **scalable backend with Node.js, Express, and cloud storage**, ensuring secure and efficient data management.
- Incorporated **Python-based machine learning models** to power transcription and face recognition modules.

Real Time Anomaly Detection System (SIH 2024 Finale) — **Link**

- Participated in the **Smart India Hackathon 2024 Finals**, developing a project for the **Ministry of Jal Shakti**.
- Ensured **data integrity** by handling missing values and encoding categorical variables for accurate analytics.
- Led the **integration of advanced features**, including **machine learning models** for predictive analytics, **real-time notification alerts**, and a **ticket resolution system** to enhance user support.
- Developed **backend solutions** focused on **data security, scalability, and seamless performance**.
- Recognized by evaluators for delivering an **innovative, secure, and user-centric solution** with high efficiency.

ACHIEVEMENTS

- **Runner-up, Smart Indian Hackathin(SIH) Finals 2024 with a team for developing an innovative platform.**
- **Runner-up, Innovera National Level Hackathon 2025 for scalable and impactful solution.**
- **Solved 400+ Questions on LeetCode and earned multiple badges.**
- **Published IEEE paper: “Machine Learning-Enhanced Smart Anomaly Detection for Digital Water Level Recorder (DWLR)”**