

Swarali Vikas Kangude

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EDUCATION

Pune Institute of Computer Technology
B.Tech(SY) in Information Technology

2024 - 2028
9.05 CGPA

Sadhvi Preetisudhaji International School and Junior College,Rahata
HSC(State Boards)

2024
86.17%

Pravara Girls English Medium School(PGEMS),Loni
SSC(State Boards)

2022
87.40%

PROJECTS

ClaimIQ-AI-Powered EDI Claim Validator



- Built a production-ready AI-powered EDI platform for US healthcare, parsing and validating HIPAA 5010 transactions up to **10x faster**, reducing manual effort about 60 %
- Integrated **Gemini AI** via FastAPI to enforce 50+ HIPAA rules, delivering automated error detection and element-level corrections with about 95 of accuracy.
- Developed a **React + TypeScript** frontend with real-time feedback and a MongoDB backend for scalable storage, fast queries, and audit-compliant transaction tracking.

DevCollab – Collaborative Project Management Platform



- Designed and developed a full-stack web application for team collaboration, implementing modules for task management, real-time messaging, and project tracking.
- Integrated **Socket.IO** for bidirectional, event-driven communication to enable real-time updates and instant messaging across users.
- Implemented role-based access control (RBAC) for secure user interactions and built a scalable architecture using **React**, **Node.js**, and **MongoDB** for efficient data handling and performance..

CareComass – Connecting PWID Patients with Doctors and Caregiversm

- Built structured daily logging for behaviour, mood, medication, and symptoms
- Designed doctor dashboards with visual analytics and alerts and Implemented early-warning indicators for proactive care
- Designed a structured backend with database integration to manage users, item details, and status updates.

TECHNICAL SKILLS

CS Fundamentals: Object-Oriented Programming | Database Management Systems

Languages: C++ | Java | SQL

Front-End: HTML | CSS | JS | React.js | Next.js

Back-End: Node.js | Express.js

Databases: MySQL | MongoDB | MongoDB Atlas

ACHIEVEMENTS

- Winner – **Code the Cause** Hackathon — Developed [**CareCompass**]
- Finalist – **COEP(Inspiron5.0)** Hackathon — Selected among Top 30 out of 200+ teams[**ClaimIQ**]