Sanket Adsare

sanketadsare5@gmail.com | +91-8010788050 | Pune | Portfolio | LinkedIn | github.com/sanket8050

Summary

Software Engineering undergraduate with strong foundations in **object-oriented programming, data structures, SQL, and backend development**. Experienced in building **scalable REST APIs**, database-driven applications, and full-stack systems. Adept at understanding complex business logic and applying software engineering principles to enterprise-scale problems.

Education

Graduation CGPA: 8.24 – *Pune Vidyarthi Griha's College of Engineering, SPPU*	2022 – 2026
12th Grade (HSC): 75% – *Residential Junior College, Ahilyanagar*	2020 – 2022
10th Grade (SSC): 94% – *New English School, Parner*	2020

Skills

- **Programming:** C++, Python ,JavaScript, SQL
- **Backend & APIs :** Node.js, Express.js, REST APIs, JWT, Postman
- **Databases:** PostgreSQL, MySQL, MongoDB (schema design, joins, indexing)
- **Frontend:** React, Next.js, TypeScript, Tailwind CSS
- **Tools & DevOps:** Git, GitHub, Docker, FastAPI
- **Concepts:** OOP, SDLC, API Design, Authentication & Authorization
- **Problem Solving:** Solved 100+ DSA problems on LeetCode ↗

Experience

Research Project Intern (Academic Collaboration — IIT Bombay)   *Aug 2024– Nov 2024*

- Built a deep learning model using Xception architecture, achieving 99.2% accuracy on brain MRI images across four tumor types.
- Applied advanced preprocessing and augmentation, boosting model robustness by 15%.
- Deployed with Gradio for real-time predictions, reducing manual diagnosis time by 40%.

Research and Design Intern (OpenDroids Robotics, USA)(Remote)   *Dec 2024 -Jan 2025*

- Worked on system-level design tasks involving component modeling and data-driven computer vision modules.
- Configured Raspberry Pi for real-time control, reducing system latency by 30% and enhancing automation reliability.

Projects

ReachOut – AI-Powered Resume-Driven Outreach & Application Platform(SaaS) Live ↗   *2025*

- Built a production-ready SaaS platform that automates personalized job applications by extracting resume data, generating AI-based emails, and sending recruiter emails with PDF resume attachments.
- Enabled bulk recruiter outreach with personalized emails, tracking delivery status and history per user.
- Built a secure SMTP email automation system to send emails at scale, attach resumes, and log activity.
- **Tools:** Nextjs,TypeScript,Prisma,PostgreSQL,Cloudinary,Blob Storage,SMTP (Nodemailer)

Equinox — Expense & Organization Management Platform github ↗ Live ↗   *2025*

- Built a full-stack web app to track and manage group expenses with friend and organization dashboards.
- Implemented dynamic expense splitting, contribution tracking, and settlement logic showing who owes whom.
- **Tools:** Next.js (TypeScript), Prisma ORM, PostgreSQL (NeonDB), NextAuth, Tailwind CSS

Razorpay Payment Gateway Integration ↗   *2025*

- Engineered a full-stack e-commerce prototype by integrating Razorpay Payment Gateway with React and Node.js, enabling real-time, secure payment processing.
- Optimized checkout UX with responsive product cards, dynamic success pages, and smooth frontend-backend API communication via Axios.
- **Tools:** Reactjs,Nodejs,Mongodb

MediMitra -Hackathon Project ↗   *2024*

- Voice-enabled medicine reminder system for seniors with Alexa/Google integration.
- Built using Next.js, FastAPI, Gemini, Google SDK, OCR.
- **Tools:** React, Node.js, Express, MongoDB

Achievements

- **Hackathon Finalist** Top 10 teams among 200+ participants (COEP, PVGCOET)
- **Certifications** - Fundamentals of Deep Learning - NVIDIA