

# Sanket Adsare

[sanketadsare5@gmail.com](mailto:sanketadsare5@gmail.com)

| [+91-8010788050](tel:+91-8010788050)

| [Pune](#)

| [Portfolio](#)

| [LinkedIn](#)

| [GitHub](#)

## Summary

Full-Stack Developer skilled in C++, Python, JavaScript, React, Next.js, and SQL. Experienced in building scalable web applications, REST APIs, and AI-driven solutions with TensorFlow, PyTorch, and OpenCV. Proficient in model deployment, database design (MongoDB, PostgreSQL), collaboration using Git/GitHub.

## Education

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



## Skills

- **Programming Languages:** C++, Python, JavaScript, SQL
- **Web & Backend:** React, Next.js, Node.js, REST APIs, Postman, HTML, CSS, Bootstrap, TailwindCSS, Typescript
- **AI/ML Frameworks:** TensorFlow, PyTorch, Keras, NumPy, Pandas, OpenCV, DeepFace, Scikit-learn
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Cloud** Git, GitHub, CI/CD
- **Embedded Systems:** Raspberry Pi, ESP32, Arduino IDE

## Experience

<b>Brain Tumor Detection Research Intern (IIT Bombay)</b>	March 2025
<ul style="list-style-type: none"><li>◦ Built a deep learning model using Xception architecture, achieving 99.2% accuracy on brain MRI images across four tumor types.</li><li>◦ Applied advanced preprocessing and augmentation, boosting model robustness by 15%.</li><li>◦ Deployed with Gradio for real-time predictions, reducing manual diagnosis time by 40%.</li></ul>	
<b>Research and Design Intern (OpenDroids Robotics, USA)</b>	Jan 2025
<ul style="list-style-type: none"><li>◦ Designed robotic components with SolidWorks and integrated computer vision using CV2, improving detection accuracy by 25%.</li><li>◦ Configured Raspberry Pi for real-time control, reducing system latency by 30% and enhancing automation reliability.</li></ul>	

## Projects

<b>Statusly (Live Shop Availability &amp; Menu Tracking Application)</b>	Ongoing 2025
<ul style="list-style-type: none"><li>◦ Engineered a full-stack MERN application to deliver real-time shop status, menus, and customer engagement, enhancing local business visibility.</li><li>◦ Architecting an interactive React + Tailwind + Shadcn UI frontend with responsive design and intuitive user flows.</li><li>◦ <b>Tools:</b> React, Node.js, Express, MongoDB</li></ul>	
<b>EzChange</b>	Jan 2025
<ul style="list-style-type: none"><li>◦ Built a platform for students to exchange books, onboarding 50+ users in pilot tests and reducing bookstore dependency by 40%.</li><li>◦ Designed responsive React UI with enhanced navigation, improving engagement by 20%.</li><li>◦ <b>Tools:</b> Next.js, Node.js, PostgreSQL, TailwindCSS</li></ul>	
<b>Equinox – Smart Expense &amp; Organisation Tracker</b> 	2025
<ul style="list-style-type: none"><li>◦ Built a full-stack web app to track and manage group expenses with friend and organization dashboards.</li><li>◦ Implemented dynamic expense splitting, contribution tracking, and settlement logic showing who owes whom.</li><li>◦ <b>Tools:</b> Next.js (TypeScript), Prisma ORM, PostgreSQL (NeonDB), NextAuth, Tailwind CSS</li></ul>	
<b>Razorpay Payment Gateway Integration</b> 	2025
<ul style="list-style-type: none"><li>◦ Engineered a full-stack e-commerce prototype by integrating Razorpay Payment Gateway with React and Node.js, enabling real-time, secure payment processing.</li><li>◦ Optimized checkout UX with responsive product cards, dynamic success pages, and smooth frontend-backend API communication via Axios.</li><li>◦ <b>Tools:</b> Reactjs, Nodejs, MongoDB</li></ul>	

## Certifications

- Deep Learning (NVIDIA Deep Learning Institute)
- MATLAB (MathWorks)
- Python (Udemy)