

ZAID MANKAR

1235, Kasba Peth, Pune - 411011, Maharashtra

📞 9689339689 ✉️ zaidsmankar@gmail.com [in linkedin.com/in/zaid-mankar](https://www.linkedin.com/in/zaid-mankar) github.com/zaid-mankar

EDUCATION

Vishwakarma University

Bachelor of Technology in Computer Science

Sep 2022 – July 2026

7.42 CGPA

Arham Junior College

12th Board State Exam with Bifocal Computer Science elective

Feb 2021 – March 2022

59.33%

Rosary High School and Junior College, Pune

10th Board State Exam

Jan 2019 – March 2020

80.60%

EXPERIENCE

Fladdra Pvt. Ltd

Lab Automation Intern

June 2024 – Aug 2024

Pune, India

- Designed a low-cost EV battery swapping prototype (INR 25k budget) for delivery fleets, replacing 8+ hours of charging with a 2-minute swap and increasing uptime by 40%.
- Reverse-engineered hardware during industrial visits, developing a complete EV battery swapping system with IoT-enabled real-time sync between station, mobile app, and server.

Asian Institute of Technology

AI/ML Intern

Sep 2024 – Dec 2024

Bangkok, Thailand

- Trained and tested MRI tumor classification models (No Tumor, Glioma, Meningioma, Pituitary; 100–150 images per category for train/test), achieving 96% accuracy.
- Applied knowledge distillation to reduce model size by 30% with 8% accuracy loss, benchmarking architectures for the best speed/precision trade-off.

PROJECTS

E-Call : Environmental Awareness App | Flutter, Google Firebase

Aug 2024

- Developed an eco-awareness app with live climate data, CO₂ tracker, and seasonal crop calendar, engaging 50+ users.
- Integrated real-time environmental alerts, SOS, and community forums, reducing response time by an estimated 25%.

Bill Book : Billing System for Small Pattern Business | Flutter, Google Sheets

Nov 2024

- Engineered a Flutter-based billing platform integrated with the Google Sheets API to handle 8,000+ transaction records with 2 sec average query time. Achieved 60% reduction in manual billing time, improved data accuracy to 99.8%.
- Implemented e-bill generation (PDF), advanced search & filter analytics (by date, customer, product category), and CRUD operations. Also enabled on-demand sales trend reports, increasing business decision speed by 40%.

AI-Powered Healthcare App | Flutter, AI/ML, SQL

Jan 2025

- Built a mobile app for AI-assisted diagnostics and patient management, detecting tumors, cavities, and fractures from 500+ MRI/X-ray images with 92% accuracy.
- Added personalized fitness, diet, and scheduling features with secure SQL backend, improving patient engagement by 35% based on a survey of 50 users.

TECHNICAL SKILLS

Languages: Python, SQL, Flutter

Developer Tools: VS Code, Android Studio, Jupyter Notebook

Technologies/Frameworks: GitHub, Firebase, Flask

LEADERSHIP / EXTRACURRICULAR

Minimac System Pvt. Ltd.

Oct 2022 – Present

Best Speaker

Minimac System Event

- Achieved the best speaker award for the topic waste management held in Vishwakarma University, Pune.

RELEVANT COURSEWORK

- Digital Design
- Database Management
- Mobile App Development
- Artificial Intelligence
- Internet of Things
- Embedded Systems
- Operating System
- Computer Networks

PROFESSIONAL CERTIFICATIONS

Fundamentals of Deep Learning

Jan 2023

Completed basic training covering neural networks, CNNs, transfer learning, and model optimization techniques

NVIDIA

Introduction to Microsoft Azure Cloud Services

Feb 2025

Covered cloud computing fundamentals, Azure services, architecture, and core concepts

Microsoft-Coursera