AKASH ZAMNANI

+91 9922115786 ◇ Pune, India

zamnaniakash@gmail.com ◇ www.linkedin.com/in/akash-zamnani-653213230 ◇

SUMMARY

A Machine Learning Specialist and Flutter Developer with a solid foundation in creating intelligent ML Solutions and cross-platform Applications. Looking for a job role in the fields of machine learning, data science, and app development

EDUCATION

BE in Information Technology, Dr. D. Y. Patil Institute Of Technology   2021 - 2025   CGPA-8.86

SKILLS

Technical Skills	Python, Flutter, Dart, C/C++, Machine Learning, Deep Learning, Data Science, Data analysis, NLP, Computer Vision, Flask, LLMs, SQL, JavaScript, Docker, Kubernetes
Soft Skills	Leadership, Communication, Teamwork, Problem Solving, Time Management

EXPERIENCE

Data Science Intern   Aug 2024 – Jan 2025
Marico India Limited   *Mumbai, India*

- Optimized data retrieval workflows, reducing operational costs and manual effort by over 35
- Designed and deployed automated ETL pipelines using Python and Azure Data Factory, improving data freshness and reliability.
- Set up and maintained Argo Workflows on Kubernetes, enabling scalable and reproducible ML pipelines.
- Developed *Marico Shield*, a Flutter-based mobile app for detection of Counterfeit Products.

Flutter Developer Intern   Dec 2023 – Feb 2024
Real IT Solutions   *Pune, India*

- Built and enhanced core features for *io8.dev*, a Flutter-based mobile app, with smoother UI/UX.
- Collaborated with cross-functional teams, aligning Flutter front-end with Java-based backend services.
- Designed and made 20+ screens using Flutter and Dart, created 8-10 APIs to connect frontend.

PROJECTS

Student Attendance and Faculty Tracking System. Built a camera based System to track faculty in college and mark student attendance in lectures. Used Insightface library in Python, Flask to build the project. Integrated live montioring and logs on college app. This Project is Currently on testing phase in real college environment.

Traffic Management on Signals using ML and Computer Vision. Built a solution that predicts signal Green time dynamically according to current traffic conditions. Achieved upto **94% accuracy** using **YOLO** for vehicle detection and **Random Forest** for predicition.

CollegeNotes. Created a personalized note-generation tool for students using **Gemini-Pro LLM**, **LangChain**, and **Streamlit**. The app processes texbooks and generates precise, topic-wise notes for test preparation.

ADDITIONAL INFORMATION

- **Leadership.** ITSA management lead in College, Head for students in Junior college, Team lead for Final Year Project
- **Certifications.** Flutter Dart - The Complete Guide (Udemy), The Data Science Course 2024 (Udemy) , Tensorflow 2.0: Deep Learning and AI (Udemy), Natural Language Processing with Python (Udemy)
- **Languages.** English, Hindi