

Dev Asati

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Linked-in Profile | Github: <https://github.com/devasati>

Summary

I consider myself as a motivated and solution-oriented **ML app developer** with experience in **hybrid mobile development**, machine learning, and **n8n automation**. Proficient in Flutter, Flask, MongoDB, Python Libraries, and embedded systems. Strong project management, teamwork, time management, and communication skills, with a focus on delivering efficient, cross-platform solutions in collaborative environments.

Projects

Attendance System

Github

- Developed an attendance system using QR codes and face recognition, designed for efficient, fast, secure, and automated attendance. Suitable for larger classrooms.
- Tools used: Flask, SQLite 3, Python OpenCV

n8n Automation

n8n Platform

- Developed an AI-powered image and video generation system to create customized promotional content for marketing campaigns based on company, target audience, and industry.
- Developed a n8n automation that integrates voice input, transcribing audio into text, performing topic analysis using NLP, and generating structured summaries – streamlining voice support and enhancing customer interaction insights.
- Tools used: n8n, Replicate, OpenAI, Kie AI, AWS Server

Machine Learning for Analytics

2024

- Engineered an ECG and health monitoring system to detect and provide early alerts for cardiac and other physiological abnormalities.
- Engineered and deployed an interactive machine learning model with Stream-lit to detect cancer from various parameters, improving diagnostic speed.
- Tools used: Python, Kaggle, Stream-lit, Google Colab

Flutter Apps

2025

- Developed a cab-tracing application for company employees to track and manage company-provided transportation. The app supports cab-tracing application, featuring real-time GPS tracking and ETA notifications for employees, and an admin panel for dispatchers.
- Developed a calorie and food intake tracking app to help users manage their diet and achieve health goals.
- Tools used: Flutter, Firebase, Google Cloud, Open-AI API

Technologies

Programming Languages: Dart, Python, C++ , SQL, HTML, CSS, JavaScript

Technologies: Flutter, Firebase, Flask, n8n, AWS Hosting, Postman, MongoDB, PostgreSQL, Figma, Fast-API[Currently Learning]

Education

VIT Bhopal University, B.Tech[Computer Science]

2027 Passing Year

- GPA: 8.01 (as of January 2025)
- **Coursework:** Computer Architecture, Operating System, DBMS, Design Analysis and more.

Birla School Pilani, 12th - CBSE

2023 Pass out

Birla School Pilani, 10th - CBSE

2021 Pass out

Certificates

Microsoft Azure, Azure Data Fundamentals

2025

Position Of Responsibility

Musical Head, Head of Organizing

2018

Non-Technical

Skills:

- Project Management
- Teamwork
- Time Management
- Effective Communication

Hobbies:

- Football
- Running
- Photography

Languages:

- English
- Hindi