

Sai Dhinakar S

Tiruppur, India | saidhinakars899@gmail.com | +91 90036 54796 | linkedin.com/in/saidhinakar-s

github.com/SaiDhinakar | leetcode.com/u/SaiDhinakar

Summary

Aspiring Software Engineer with a strong foundation in backend development, AI, and Machine Learning. Experienced in building scalable applications using Python with frameworks like Django, FastAPI, and Flask. Passionate about developing robust software solutions to tackle real-world challenges.

Education

Sri Shakthi Institute of Engineering and Technology, B.Tech in Artificial Intelligence & Machine Learning 2023 – Present

- CGPA: 8.17/10.0

Universal Matric Higher Secondary School, Higher Secondary (HSLC) 2021 – 2023

- Score: 87%

Technologies

Languages: Python, C, C++, JavaScript, SQL

Frameworks & Tools: TensorFlow, Keras, OpenCV, Rasa, NLP, React, Django, Flask, FastAPI, Streamlit, Bootstrap, Git, GitHub, Linux, Docker, MongoDB, HTML5, CSS3

Experience

AI & ML Intern, Elevate Labs May 2025 – Jun 2025

- Executed data preprocessing tasks, including null value imputation, feature scaling, and encoding to prepare datasets for machine learning models.
- Designed and trained Convolutional Neural Networks (CNNs) for high-accuracy image classification.

Student Project, Face Recognition Attendance System

- Developed a complete face recognition-based attendance system using Python and OpenCV.
- Engineered the backend infrastructure and integrated REST APIs for seamless data management.
- Implemented logic for real-time video stream processing and facial-ID matching.

Projects

Face-Mask Alert System  Link

- Developed a real-time mask detection system using CNNs, TensorFlow, and OpenCV.
- Integrated into a Flask backend for live video processing and alerts.
- **Tech Stack:** TensorFlow, Keras, OpenCV, Flask.

Dynamic Blog Web App  Link

- Built a full-stack web application with Django featuring user authentication, posting, and profile settings.
- Implemented topic-based filtering for content discovery.
- **Tech Stack:** Django, Bootstrap.

AI-based Timetable Scheduler  Link

- Engineered an automated scheduler using Constraint Satisfaction Problems (CSP) and greedy algorithms.
- Designed to resolve complex scheduling conflicts between teachers and subjects.
- **Tech Stack:** Python

Achievements

- **Achievements:**
 - Finalist in Horizon'25, a national-level 24-hour hackathon at KPR College.
 - Finalist in Yukta'24, a national-level Code x Trade technical symposium.