

Sai Dhinakar S

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Summary

Python Developer and AI enthusiast with experience in developing intelligent applications, backend systems, and automation-driven solutions. Focused on building scalable, efficient, and reliable software that solves real-world problems.

Education

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

- CGPA: 8.17/10.0

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

- Score: 87%

Technologies

Languages: Python, SQL

Frameworks & Tools: Django, FastAPI, Flask, React, TensorFlow, OpenCV, NumPy, Pandas, Scikit-learn, MLflow, Airflow, Docker, Nginx, Git, GitHub, Linux, CI/CD

Databases & Storage: MySQL, SQLite, MongoDB, Redis, MinIO

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

- Worked as part of a student team to develop a face recognition-based attendance system for the college.
- Built the backend logic, including real-time video stream processing, facial-ID matching, and data management APIs.

Projects

TechDraw - GenAI Diagram Generator  [Link](#)

- Developed an AI-driven tool that generates architecture diagrams from natural language using multi-provider LLMs.
- Built an interactive editor with React Flow supporting real-time editing and exports.
- **Tech Stack:** React, React Flow, GenAI APIs

Blog Web App - Django  [Link](#)

- Built a full-stack blogging platform with authentication, posting, and profile customization.
- Implemented topic-based content filtering for an improved user experience.
- **Tech Stack:** Django, Bootstrap

Telco Churn Prediction - MLOps Pipeline  [Link](#)

- Built an end-to-end churn prediction pipeline with automated preprocessing, model training, and deployment.
- Added MLflow-driven experiment tracking, model registry, and containerized API inference.
- **Tech Stack:** Python, MLflow, FastAPI, Docker

Achievements

• Achievements & Certifications:

- Finalist in Horizon'25, a national-level 24-hour hackathon.
- Oracle Certified - OCI 2025 AI Foundations Associate.