

Samiksha Sai Thogeti

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Professional Summary

AI And ML undergraduate with hands-on experience in building and deploying interactive AI systems, including Agentic AI, and full-stack web applications. Completed 10+ projects across diverse domains. Seeking Software Engineering Internship opportunities.

Work Experience

Deep Learning Intern — Central Institute of Tool Design (MSME TC, Hyderabad) Jun 2024

- Engineered CNN, RNN, GAN, and LSTM models for applied AI use cases.
- Built stock price prediction system with GRU/LSTM achieving high accuracy on temporal data.

ML Intern — Swecha Telangana Aug 2024

- Contributed to open-source LLM projects integrating Python, Streamlit, and JS for scalable services.
- Developed modular APIs and reusable components to support multiple AI-driven applications.

Projects

CancelCheck — GitHub Jun 2025

- Skills:** Python, Flask, Docker, Jenkins, GCP, CI/CD
- ML-powered Flask app predicting hotel booking cancellations. Built preprocessing pipelines, trained models, and implemented CI/CD with Jenkins. Containerized with Docker and deployed scalable inference pipelines on GCP with REST APIs.

AniMatch — GitHub Feb 2025

- Skills:** Python, Flask, Scikit-learn, Pandas
- Personalized anime recommendation engine combining collaborative and content-based filtering. Modular ML pipelines for preprocessing and training, integrated with a Flask interactive interface for real-time recommendations.

IntelliStudy — GitHub Dec 2024

- Skills:** Python, FAISS, OpenAI, RAG, Agentic AI, Streamlit
- AI study platform generating notes, quizzes, flashcards, and Q&A. Implemented RAG with FAISS/OpenAI and Agentic AI workflows for context-aware content. Deployed via Streamlit for interactive study sessions.

BlossomML — GitHub Mar 2025

- Skills:** Docker, Kubernetes, GitHub Actions, Python
- End-to-end MLOps pipeline for Iris classification with automated CI/CD, containerized with Docker, and deployed on GKE for scalable, real-time inference.

Education

B.Tech in Computer Science (AI & ML)

Institute of Aeronautical Engineering, Hyderabad

GPA: 8.02 (Till III Sem)

Aug 2023 — Aug 2027 (Expected)

Skills

Languages: Python, Java, JavaScript, SQL

Core CS: Data Structures & Algorithms, OOP, DBMS, OS, System Design

Systems/Cloud: Docker, Kubernetes, Jenkins, GCP, REST APIs

ML/AI: TensorFlow, PyTorch, Scikit-learn, Hugging Face

AI & Agent Frameworks: OpenAI Agents SDK, Crew AI, LangGraph, LangSmith, Microsoft AutoGen, UV Package Manager, LangChain, MCP Servers

Tools: Git, Pandas, NumPy, Matplotlib

Certifications

- Hugging Face — Agentic AI, Transformers
- NPTEL — Machine Learning, DSA
- AWS Educate — Generative AI, ML Foundations
- Databricks — Generative AI Fundamentals
- Cognitive Class — Deep Learning, Reinforcement Learning

Coding Profiles

Solved 200+ DSA and SQL problems
GitHub
LeetCode
HackerRank
GeeksforGeeks