Sai Aakash

Hyderabad | saiaakash3333@gmail.com | +91 6305027237
LinkedIn: linkedin.com/in/sai-aakash | GitHub: github.com/Aakash326

Summary

Final-year Computer Science student specializing in Artificial Intelligence, Machine Learning, Natural Language Processing (NLP), and Large Language Models (LLMs). Skilled in building AI-powered applications, RAG pipelines, and deploying models using Docker, Kubernetes, and GCP. Proficient in MLOps/LLMOps, CI/CD pipelines, and cloud deployment with 220+ LeetCode problems solved in DSA (Java). Experienced in developing REST APIs, scalable AI pipelines, and automation workflows.

Technical Skills

- Cloud: AWS EC2, S3, EKS, IAM, CloudFormation, GCP
- ML/DL: TensorFlow, PyTorch, Scikit-learn, Hugging Face, Transformers, NLTK, LangChain, AutoGen, CrewAI
- Programming: Python, Java, SQL
- MLOps/LLMOps: Docker, Kubernetes, MLflow, Airflow, Jenkins, GitHub Actions, RAG, Grafana, Prometheus, CI/CD

Experience

Freelancer (TrueLancer) | Machine Learning & Agentic AI Engineer | Jun 2025 Present
  - Delivered custom ML, NLP, and LLM solutions for clients on the TrueLancer platform.
  - Built and deployed AI applications using Hugging Face, LangChain, and RAG pipelines.
  - Implemented multi-agent AI workflows for automation and decision support.

Data Analyst Intern | GeeksforGeeks | May 2025 Aug 2025
  - Performed EDA, data visualization, and reporting on multiple datasets.
  - Developed Python automation scripts for data cleaning and preprocessing.
  - Supported deployment of predictive ML models for internal projects.

Data Analyst & ML Engineer Intern | Unified Mentor | Apr 2025 May 2025
  - Built and trained predictive ML models for client-specific business problems.
  - Designed data pipelines and improved model accuracy with feature engineering.

Projects

Hotel Reservation Prediction
Built an end-to-end MLOps pipeline with MLflow, Airflow, Jenkins, Kubernetes, and GCP; automated CI/CD and experiment tracking, reducing release cycle time by 40%. Repo: github.com/Aakash326/Hotel-Reservation-Prediction

Flipkart Product Recommender
Developed an e-commerce recommendation engine using LangChain, AstraDB, Grafana, and Kubernetes; improved personalization accuracy by 18% via optimized vector search. Repo: github.com/Aakash326/Flipkart-Product-Recommender

Multi-Agent Data Analyst (CrewAI)
Designed an 8-agent CrewAI framework for data preprocessing, feature engineering, and predictive modeling; reduced analysis time by 60% and improved model performance by 15%. Repo: github.com/Aakash326/Multi-Agent-Data-Analyst

Education

- GITAM University, B.Tech in Computer Science and Engineering | Aug 2022 May 2026 | Coursework: Java, Python,
- Narayana Junior College (MPC), Intermediate | Jun 2020 May 2022 | Percentage: 96%

Online Profiles

- LeetCode: Solved 220+ DSA problems (Java, Algorithms, Data Structures)
- HackerRank: Gold Badge (Problem Solving)
- Kaggle: Active in ML/DL competitions