

Siva Sainath Reddy

AI Engineer | 4 Years Experience

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Professional Summary

AI Engineer with 4 years of experience in designing, developing, and deploying AI/ML solutions. Strong background in Python, Machine Learning, Deep Learning, NLP, and building production-ready AI systems. Experienced in end-to-end project delivery, from data collection to model deployment.

Technical Skills

- 1 Programming: Python, SQL, Java (Basics)
- 2 AI/ML: Machine Learning, Deep Learning, NLP, LLMs
- 3 Frameworks: TensorFlow, PyTorch, Scikit-learn, LangChain
- 4 Tools: Git, Docker, Jupyter, VS Code
- 5 Databases: MySQL, PostgreSQL, Vector Databases (FAISS, Pinecone)
- 6 Cloud: AWS (EC2, S3, Lambda)

Work Experience

AI Engineer – ABC Technologies Pvt Ltd (2022 – Present)

- 1 Designed and deployed ML models for classification and prediction tasks.
- 2 Built NLP pipelines for text classification and document summarization.
- 3 Integrated LLM-based chatbots using LangChain and OpenAI APIs.
- 4 Improved model accuracy by 20% through feature engineering and hyperparameter tuning.

Junior AI Engineer – XYZ Solutions (2020 – 2022)

- 1 Developed data preprocessing pipelines using Python and Pandas.
- 2 Implemented machine learning models using Scikit-learn.
- 3 Collaborated with cross-functional teams to deploy models in production.
- 4 Created dashboards and reports for model performance analysis.

Key Projects

- 1 **AI Chatbot for Customer Support:** Built an LLM-powered chatbot using LangChain, vector databases, and Flask to handle customer queries.
- 2 **Medical Diagnosis Prediction System:** Developed an ML model to predict diseases based on patient symptoms with 85% accuracy.
- 3 **Document Search Engine:** Implemented semantic search using embeddings and FAISS for large document datasets.

Education

Bachelor of Technology (B.Tech) in Computer Science
XYZ University, India (2016 – 2020)

Certifications

- 1 Machine Learning Specialization – Coursera
- 2 Deep Learning with TensorFlow – Udemy
- 3 AWS Cloud Practitioner – Amazon