Sanath Kumar Ravula

Machine Learning Engineer

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SUMMARY

- As a passionate and driven Machine Learning Engineer, I am eager to contribute my skills and enthusiasm to your innovative team. With a solid foundation in machine learning algorithms and a keen interest in data-driven solutions, I am excited about the opportunity to learn and grow . I am committed to leveraging my knowledge to help tackle complex challenges and drive impactful results within the organization.

SKILLS

Python

TensorFlow

PyTorch

Flask

LangChain

LangGraph

Ollama

Roboflow

FAISS

Scikit-learn

EXPERIENCE

Machine Learning Engineer L1   *Jan 2025*

Capsitech - Jodhpur

Working on AI/ML projects with focus on LLMs, Deep Learning, and NLP. Hands-on with Quantization, Fine-tuning, LangChain, Transformers, and Prompt Engineering. Enhanced a retrieval-augmented generation (RAG) chatbot integrating multi-agent reasoning, semantic search, and context management. Implemented FAISS vector search with SentenceTransformer embeddings for high-precision retrieval across 30k+ project documents.

Machine Learning Intern   *Jun 2024 — Aug 2024*

Eduphoenix Solutions - Bengaluru

Built ML models for classification and regression achieving 92%+ accuracy on structured datasets. Utilized feature engineering, hyperparameter tuning, and cross-validation for robust model performance. Optimized ML workflows to accelerate training time by 20% and improve deployment reliability.

EDUCATION

Madanapalle Institute of Technology & Science   *2021 — 2025*

Andhra Pradesh | B.Tech in Artificial Intelligence

Shree Vasista Junior College   *2019 — 2021*

Andhra Pradesh | Intermediate in MPC

VBR EM High School   *2018 — 2019*

Nellore | 10th

CERTIFICATIONS AND LICENSES

Data Structures, Coursera; Cloud Computing, NPTEL; Machine Learning with Python, edX