

SUMMARY

Driven and results-oriented Machine Learning Engineer with a strong foundation in Python, Machine Learning, and MLOps. Proficient in deploying scalable solutions using TensorFlow, MongoDB, and Docker. Committed to leveraging advanced technologies and collaborative problem-solving to contribute to impactful, forward-thinking projects in dynamic environments.

EXPERIENCE

Jr. Machine Learning Engineer

Corundum technologies

10/2023 - Present

- PROJECT-AMLCFT(Anti-Money Laundering and Countering Financing of Terrorism),Sandharab
- Implemented Retrieval-Augmented Generation (RAG) architecture for efficient context-aware search across large document sets
- Integrated the Llama language model for advanced natural language understanding and seamless interaction
- Designed and deployed a scalable vector storage system using Qdrant , optimizing similarity-based document retrieval
- Developed a robust backend architecture, utilizing AWS S3 for secure data storage and AWS Elastic Container Registry (ECR) for containerized deployment.
- Enhanced user experience with scalable solutions, ensuring efficient performance for large datasets and concurrent users.
- Utilized LangChain , PyPDF2 , and other Python libraries for document parsing and AI workflow orchestration.

Data Science Intern

Social Tek

04/2023 - 07/2023

- Assisted in data cleaning, preprocessing, and exploratory data analysis (EDA) using Python, and developed and optimized machine learning models.
- Created visualizations and dashboards to effectively communicate insights and trends to stakeholders.

EDUCATION

CSE

JNTU - BTECH

08/2018 - 08/2022

MPC

INTERMEDIATE - Allphores Junior College -Karimnagar

06/2016 - 06/2018

Schooling - St Paul's High School-Karimnagar

06/2015 - 06/2016

SKILLS

- GEN- AI

Python

Docker

MLOPs
- NLP

MLFLOW

DVC

ML