

SAMPATH KOVVALI

Data Scientist

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Summary

I am a Data Scientist with a firm background in Electrical and Electronics Engineering, equipped with robust programming and analytical skills. My current role at TCS involves developing AI solutions that enhance workflow efficiency and automate processes. I thrive on challenges and enjoy collaborating with teams to push innovation forward, building advanced applications that drive tangible results.

Experience

Tata Consultancy Services (TCS)

Data Scientist

India

01/2023 - Present

Leading IT services and consulting company.

- Built a RAG application using LLaMA 3.2 11B Vision model for incident classification & resolution.
- Implemented an LLM-based MOM generator for Teams meetings.
- Automated 5+ workflows with Python, Selenium, and FastAPI.
- Collaborated with cross-functional teams to enhance AI-driven features using state-of-the-art GenAI techniques.

Education

Raghu Engineering College

Bachelor of Technology

Visakhapatnam

07/2018 - 07/2022

Skills

Programming Languages: Python, Pandas, NumPy, Java, Node.js

Frameworks & Libraries: Flask, FastAPI, Pytorch, ReactJS

Automation & Scripting: Batch Scripting with UNIX Commands, Selenium with python, GenAI Techniques

Databases: SQL, PostgreSQL

Tools & Technologies: Docker, Linux

Projects

QuickAI

Remote

01/2023 - Present

Project aimed at improving the efficiency of deep learning model management.

- Developed a lightweight PyTorch framework to streamline the training and logging of deep learning models.
- Showcased versatility in modifying model parameters for optimized performance.

GPT

Remote

01/2023 - Present

A platform for testing and training transformer models.

- Created a playground for experimenting with various transformer models.
- Included features for text generation and modification.

Interests



Artificial Intelligence Enthusiast

Dedicated to exploring artificial intelligence and its applications in transforming industries.



Psychology Interest

Enjoys understanding psychological principles to enhance personal well-being.



Fitness Advocate

Committed to maintaining fitness through regular exercising and healthy living.