Suraj Pawar

Data Science

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SUMMARY

Recent M.Tech graduate in Data Science with a passion for AI, Generative Models, and Machine Learning. Developed AI-driven solutions for real-time document analysis and KPI insights during an internship. Skilled in building scalable AI applications using Python, LangChain, Azure ML, and Hugging Face.

SKILLS

- **Machine Learning and AI:** Supervised, Unsupervised Learning, Deep Learning, Generative AI, LLM
- **Programming & Tools** : Python, Numpy, Pandas, Scikit-learn, PyTorch, TensorFlow, Keras
- **Database:** SQL
- **Cloud & Platforms:** Azure Data Factory, Azure ML Studio, Github, Hugging Face
- **Data Visualization:** Matplotlib, Seaborn, Tableau
- **Soft Skills:** Analytical thinking, problem-solving, adaptability

EDUCATION

M. Tech in Data Science and Analytics | MIT WPU, Pune (2022-2024)
- Ranked 1st & Gold Medalist in Data Science Program
- Research: Handwritten MODI Script Recognition using Vision Transformer (Presented at ICACECS 2024)

B. Tech in Computer Engineering & Technology | Sandip University (2017-2021)
- CGPA: 7.99

PROJECTS

- **CSV Data Agent using DeepSeek-R1:** Implemented a natural language querying system for CSV data using langchain, pandas, and Hugging Face
- **Chat with PDF:** Developed using Streamlit, LangChain, and DeepSeek (Hugging Face) to enable real-time document analysis and Q&A
- **Employee Attrition Prediction** with machine learning
- Data-driven analysis of **advertising impact** to drive sales growth

EXPERIENCE

Emerson | Pune - AI/ML Intern　　　　　　　　　　　　　　　　　　2023 - 2024
- Developed AI-driven systems for KPI insights using **Azure ML** and **Python**
- Implemented data preprocessing workflows using Azure Data Factory
- Created detailed documentation to support reproducibility and collaboration

Atos Global | Pune - Graduate Engineering Trainee　　　　　　　　2021 - 2022
- Optimized network performance and reduced resolution time by 20%
- Streamlined technical support processes in coordination with vendors and onsite teams

PUBLICATION

- **A Novel Approach to Handwritten MODI Script Character Recognition using a Vision Transformer**
  - Presented at peer-reviewed scientific international conference: ICACECS 2024
  - Status: Presented, awaiting publication

CERTIFICATES

- Generative AI with Large Language Models - Coursera
- DIAT Certified AI Professional - DIAT
- Google Cloud Data Analytics Certificate - Google
- Business Analytics Graduate - IBM