Shlok Kulkarni

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EDUCATION

Vellore Institute of Technology	Vellore, Tamil Nadu
Bachelor of Technology in Computer Science	*Sept. 2021 – March 2025*

Suryadatta Public School	Pune, Maharashtra
Junior College (HSC)	*Jun. 2019 – Mar 2021*

D.A.V. Public School	Pune, Maharashtra
Highschool (CBSE)	*Mar. 2007 – Mar 2019*

EXPERIENCE

Data Science Intern	Aug 2023 – Dec 2023
Elastic Run	*Pune, Maharashtra*

- Developed a Document Qa application using RAG(Retrieval Augmented Generation) in Python using Langchain.
- Played a part in deploying my application using Docker
- Developed a SQL generation workflow using RAG, Databricks API and CognitiveSearch.
- Created a boilerplate for future LLM based projects.

PROJECTS

Research - Mulltimodal Sarcasm detection | *Python, Pytorch, Tensorflow*   Aug 2023 – Present

- Part of a research project which aims to improve upon current LLMs' ability to detect sarcasm with Multimodal context
- Trained individual models for text(Google BERT) and image (ResNet) individually as benchmarks

AIDA(AI digital Assisstant) | *Python, Langchain, Azure, OpenAI, Pandas, Numpy*   Aug 2023 – Present

- A RAG based digital assistant which answers questions based on your documents
- Frontend made using ReactJS.

TECHNICAL SKILLS

Programming languages: Python, C/C++, SQL, JavaScript, HTML
Markdown languages: HTML, Markdown
Developer Tools: Git, Docker, Azure, VS Code
Libraries: pandas, NumPy, Pytorch, Langchain, OpenAI, Azure

CERTIFICATIONS

Machine Learning Specialization	Coursera
Supervised Machine Learning: Regression and Classification	*Verify*

Machine Learning Specialization	Coursera
Advanced Learning Algorithms	*Verify*

Machine Learning Specialization	Coursera
Unsupervised Learning, Recommender Systems, Reinforcement Learning	*Verify*