

MD SHAFI UDDIN

Hyderabad, India

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SKILLS

- **Data, AI & ML:** Python, SQL, Snowflake, Machine Learning, Deep Learning, NLP, Speech Processing (ASR, STT, TTS), LLMs, RAG, LangGraph, AI Agents, Transformers, PyTorch, FastAPI, Fine-tuning, Docker, MLflow, MLOps, LLMops, PySpark, Airflow, Azure ML, Azure Data Factory, A2A, ADK, Linux, Git, Model Evaluation, Dataset Preparation

EXPERIENCE

Associate Consultant

Mar 2024 – Present

CDW

Hyderabad, TG

- Built and deployed agentic AI systems on GCP using Google ADK and A2A to automate financial risk, compliance, and enterprise decision workflows, reducing manual review effort by **40%** and decision turnaround time from days to minutes.
- Designed, developed, and deployed forecasting ML models using Azure Machine Learning; implemented end-to-end MLOps pipelines and conducted client enablement sessions.
- Migrated data and ML workloads from Microsoft Fabric to Azure ML; deployed REST and batch endpoints and built CI/CD-driven MLOps pipelines using Azure DevOps.
- Developed an AI-powered multilingual healthcare assistant using FastAPI, Gemini 2.0, ElevenLabs, and Google Cloud Run.
- Built a computer vision system for automated swimming stroke counting with **95%+ accuracy** and real-time performance scoring.
- Designed and deployed an LLM-powered private QA chatbot using Azure AI Foundry, Azure OpenAI, Azure AI Search, vector embeddings, and LangChain.
- Implemented near real-time CDC pipelines on GCP using Datastream, BigQuery (Iceberg), and Cloud Composer.
- Built SpeakAura AI, an AI-powered speech therapy platform using BigQuery AI and generative models.

Junior Consultant

Aug 2023 – Mar 2024

CDW

Hyderabad, TG

- Developed an end-to-end AWS-to-Snowflake ETL pipeline orchestrated by Apache Airflow, implementing **SCD Type-2** and Medallion Architecture with Power BI dashboards.
- Automated internal HR document generation using Python and Flask, optimizing Excel-to-PDF conversion.

RESPONSIBILITIES, ACHIEVEMENTS AND CERTIFICATIONS

- Databricks Certified Generative AI Engineer
- Certified in **Multi-AI Agent** Systems using crewAI
- **Winner** – AI Agent Hackathon (Voice AI Agent)
- **Winner** – International Google Cloud BigQuery Hackathon (AI), organized by Kaggle
- Contributed to 4+ open-source projects, and delivered AI/ML enablement sessions at CDW
- **Volunteer contributor at Viswam.ai**, working on open-source AI and language technology for Indian languages
- **Active volunteer with Swecha open-source community**, mentoring hackathons and contributing to AI/ML open-source initiatives