

# 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

<b>Associate Consultant</b> <i>CDW</i>	Mar 2024 – Present <i>Hyderabad, TG</i>
<ul style="list-style-type: none"><li>– 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 <b>40%</b> and decision turnaround time from days to minutes.</li><li>– Designed, developed, and deployed forecasting ML models using Azure Machine Learning; implemented end-to-end MLOps pipelines and conducted client enablement sessions.</li><li>– 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.</li><li>– Developed an AI-powered multilingual healthcare assistant using FastAPI, Gemini 2.0, ElevenLabs, and Google Cloud Run.</li><li>– Built a computer vision system for automated swimming stroke counting with <b>95%+ accuracy</b> and real-time performance scoring.</li><li>– Designed and deployed an LLM-powered private QA chatbot using Azure AI Foundry, Azure OpenAI, Azure AI Search, vector embeddings, and LangChain.</li><li>– Implemented near real-time CDC pipelines on GCP using Datastream, BigQuery (Iceberg), and Cloud Composer.</li><li>– Built SpeakAura AI, an AI-powered speech therapy platform using BigQuery AI and generative models.</li></ul>	

<b>Junior Consultant</b> <i>CDW</i>	Aug 2023 – Mar 2024 <i>Hyderabad, TG</i>
<ul style="list-style-type: none"><li>– Developed an end-to-end AWS-to-Snowflake ETL pipeline orchestrated by Apache Airflow, implementing <b>SCD Type-2</b> and Medallion Architecture with Power BI dashboards.</li><li>– Automated internal HR document generation using Python and Flask, optimizing Excel-to-PDF conversion.</li></ul>	

## 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