

Shaik Riyaz Ghori

✉ riyaz.shaik20@st.niituniversity.in

📞 8008809572

📍 Vijayawada, India

🔗 Personal Portfolio

LinkedIn

Github



ABOUT ME

Software Engineer with hands-on experience in AI/ML applications, RAG systems, Databricks, and full-stack development. I've built end-to-end solutions including RAG pipelines, LLM-based chat systems, automated LinkedIn scrapers, forecasting agents, and enterprise data platforms. I enjoy solving problems through scalable system design, optimizing data flows, and working closely with teams to turn ideas into working products.

SKILLS

Programming Languages : — Python | Java | SQL

AI/ML : — ML | RAG | LangChain | Bedrock | OCR | Texttract | LLMs | Embeddings | RLHF | (Numpy, Pandas, Scikit Learn, Tensor Flow)

Frontend : — React | Angular | HTML | CSS | JavaScript

Backend : — FastAPI | Flask | REST APIs | Microservices

Cloud — AWS | Azure (Blob, Key Vault, Databricks, ADF)

Database : — PostgreSQL | MongoDB

DataBricks : — Unity Catalog | Delta Lake | Genie AI/BI

Microsoft Power Platforms — Power Apps | Power Automate | Copilot Studio

Tools : — Visual Studio | Git | Tableau | Excel | PowerPoint | Figma

ACHIEVEMENTS

Individual Value Driven Employee

Awarded "Individual Value Driven Employee" at Genpact for high-quality delivery, ownership, and contribution to AI/ML project outcomes.

Databricks Data Engineering Associate Certification

Successfully completed Databricks Data Engineering Associate Certification, validating strong skills in ETL, Delta Lake, PySpark, SQL, and Data Lakehouse architecture.

Student House Captain

Served as Student House Captain at NIIT University and led the team to win the Rolling Trophy.

EDUCATION

B.Tech Data Science

Niit University

Aug 2020 – May 2024 | Neemrana, India

CGPA : 7.9/10

Board of senior secondary (XII)

Narayana Saraswati Bhawan

Jul 2018 – May 2020 | Vijayawada, India

Percentage: 94%

CCE board of secondary (X)

Sunflower High School

Apr 2018 | Challapalli, India

CGPA : 9.7/10

LANGUAGES

English | Hindi | Telugu | Urdu

PROFESSIONAL EXPERIENCE

Software Engineer

Genpact

Jul 2024 – present | Bangalore

Experience in AWS & Azure, RAG implementations, data scraping, deployments, Microsoft Power Platform, and Databricks projects.

Data Engineering Intern

Genpact

Jan 2024 – Jun 2024 | Bangalore

- Worked as a Full stack developer on the web scraping project.
- Working on Rag Implementation on Azure.

Python Developer

Turing - Remote

Mar 2024 – Jul 2024

- Developed backend services for an LLM Ranking & Evaluation System, enabling automated analysis of summarization, sentiment, and reasoning performance across multiple LLMs.
- Implemented scoring algorithms and evaluation pipelines in Python, integrating model inference, data validation, and comparison workflows.
- Built REST APIs for exposing ranking results and integrated them with a frontend UI for model benchmarking, incorporating RLHF-based preference scoring for more accurate evaluation and better model ranking decisions.

PROJECTS

Web Scraping Engine Integrated with ChatBot

- Designed a website for scraping data from the websites using **React, Flask, Postgres, LLM, Langchain, AzureopenAI**
- Orchestrated a robust web scraping architecture to extract and present tables, links, images, and paragraphs from various websites.
- Utilized advanced AI techniques for chatbot integration, enhancing user interaction and data retrieval efficiency.

Foredition – 7 Agent Forecasting Platform

- Developed multi-agent forecasting flow covering EDA → Outliers → Seasonality → Stationarity → Model Fit → Forecasting.
- Integrated LLM-based conversational interface with plotted forecast outputs.
- **Tech Used:** FastAPI, React.js, Python, LLM Agents

Invoice Extraction & Low-Code Automation

- Automated invoice-to-database ingestion with AI-based field detection.
- Generated dashboards + enabled RAG querying over extracted invoice data.
- **Tech Used:** PowerApps, AI Builder, Power Automate, Power BI

Databricks Lakehouse RAG Pipeline

- Built an end-to-end RAG workflow using Delta Lake for embedding and retrieval storage.
- Implemented access control & schema governance via Unity Catalog.
- **Tech Used:** Databricks, Delta Lake, Unity Catalog, Azure Blob, Key Vault, PySpark

ROLES AND RESPONSIBILITIES

University House Captain || NIIT UNIVERSITY

Led the house team to win the Rolling Trophy'23 for the Best House.

Dec 2022 – Dec 2023

Student Affairs Committee Member || NIIT UNIVERSITY

Dec 2022 – Dec 2023

INTERESTS

Dancing | Kabaddi | Photography | Badminton