

Summary

Innovative Data & GenAI Engineer with 3+ years of experience in AI-driven solutions, cloud technologies (AWS, Azure), and large-scale data migration. Specialized in building Retrieval-Augmented Generation (RAG) systems, SQL-to-Natural Language tools, and Agentic AI workflows using frameworks like LlamaIndex, LangChain, and MosaicML. Proven ability to optimize data pipelines, accelerate development with reusable libraries, and enhance decision-making through advanced ML and GenAI applications. Strong track record in leading initiatives, collaborating with clients, and delivering scalable, high-impact solutions in dynamic environments.

Education

MIT ADT University

Pune, Maharashtra

BACHELOR OF TECHNOLOGY. 7.19/10

July 2018 - July 2022

Minor: Data Analytics

Academic Projects

- Developed multiple apps including a **Grade Analysis Tool** and **Grocery Shop** using MySQL, Python, and HTML/CSS, and a **Medical Aid App** with Flutter and Firestore for locating specialized hospitals.

Experience

Ascendion

January 2025 - Present

Senior GenAI Developer

- Implemented GenAI solutions using Agentic AI with evaluation and guardrails for Multi-Source Retrieval-Augmented Generation (MSRAG) and SQL-to-Text systems, leveraging AWS and Azure OpenAI services. Built a high-performance data ingestion pipeline for vector indexes, reducing processing time by 80% for large-scale datasets. Enhanced solution reliability with prompt engineering, async processing, and scalable architectures. Explored and prototyped with trending frameworks like MCP, LlamaIndex, LangChain, and MosaicML to advance RAG and orchestration workflows. Additionally, worked on risk audit data for validation and risk analysis, supporting compliance and governance efforts in regulated environments.

Collabera Digital

June 2021 - December 2025

GenAI Developer

August 2024 - December 2024

- Engineered custom GenAI solutions on Databricks using Mosaic ML, MLflow, and AWS, including a Natural Language to SQL Translator, RAG pipelines, and a Multi-Agent Orchestrator. Boosted decision-making by 40% for a major life sciences client with a Claude 3.5-powered SQL system featuring self-correction and human-in-the-loop learning. Led PoCs on call analysis, RAG chatbots, and data filtration using LLaMa 3.1, ChatGPT 4.0, LlamaIndex, and LangChain.

Data Engineer

August 2022 - July 2024

- Orchestrated a cloud data migration blueprint using AWS and Snowflake; explored RAG use cases in GenAI with LLaMa 2. Cut development time by 25% by creating the Collabera Digital Python library for reusable, project-aligned code. Boosted data processing efficiency by 30% in a major bank's Finacle migration via Informatica Hadoop ingestion and strong client coordination.

Intern

June 2021 - July 2022

- Completed a 2-month training in AI models and AWS Cloud Services, successfully executing projects in sentiment analysis, image recognition, and cloud migration, while demonstrating strong problem-solving and teamwork skills.
- Developed and deployed a Know Your Customer (KYC) verification web application using various AWS services, including AWS Lambda, DynamoDB, Rekognition and S3, enhancing the security and efficiency of user verification processes.

Leadership

- Spearheaded a team to deliver the Natural Language to SQL Query Translator project, showcasing strategic leadership abilities
- Cultivated strong client relationships throughout project implementations
- Mentored team members, aligning their work with project goals
- Demonstrated effective client communication skills, ensuring smooth project execution.

Certifications

Gen AI Level 101

June 2024

Starburst Certified Practitioner

August 2023

Snowflake Badges (Hands on Essentials)

February 2023

Skills & Interests

Technical:

- Programming languages:** python, sql, html, C++, R
- Cloud Platform & services:** AWS (s3, Lambda, Mysql, DynamoDB, Bedrock, OpenSearch, Athena, Glue, Rekognition, Transcribe), Snowflake, Informatica Hadoop
- Data Technologies:** Starburst, Apache Spark, Solution Design, Data Migration
- Others:** Decision Making, Teamwork, Leadership

Language: English (Fluent), Hindi (Fluent), Marathi (Fluent)

Interests: Guitarist/Composer (created multiple songs), State-Level Swimmer, District Football Captain, Volunteer, Avid Traveler.