

HARSH NARGIDE

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PROFESSIONAL SUMMARY

Data Engineer skilled in **Python**, **SQL**, and **Airflow** with hands-on experience improving **ETL pipeline** performance and data quality. Proven ability to deliver clean, reliable datasets for analytics and AI workloads.

EXPERIENCE

Associate Software Engineer | Posit Source Technology

Jul'24 - Present

- Implemented and maintained **Apache Airflow** pipelines, improving workflow reliability through enhanced retries, monitoring, and error-handling.
- Created and maintained **Pytest/Unittest** suites, raising coverage beyond **80%** and increasing deployment stability.
- Built an end-to-end **document-embedding pipeline** processing **10,000+ XML files/day** using HuggingFace + Pinecone, reducing semantic search latency from **3s to < 1.5s**.
- Engineered ETL for **Tally ERP XML**, powering a RAG assistant with **70-80% cache hits**, reducing LLM cost by **30%**.

Intern | Posit Source Technology

Jan'24 - Jul'24

- Improved PostgreSQL performance via **indexing**, schema fixes, and **Prisma ORM** query optimization.
- Implemented secure data access using **NextAuth** and **contributed 300+ production commits** across backend services.

SKILLS

Languages & Backend: Python, SQL, JavaScript, TypeScript, C++, FastAPI, Node.js

Data Engineering & Databases: ETL/ELT, Apache Airflow, PySpark, Databricks, BigQuery, PostgreSQL, MySQL, MongoDB, Vector Databases

DevOps, Cloud & Testing: Git, GitHub, CI/CD, GCP, Pytest, Unittest

GenAI: HuggingFace, LangChain, LangGraph, RAG, LLMs

PROJECTS

Article Synthesizer | [Github Link](#) | [Project Link](#)

- Built an AI-powered article summarizer using **React.js** and **Rapid API**, reducing reading time by **60%** and improving data aggregation efficiency by **30%**.

AI Content Generation Platform

- Developed a multi-model **LLM platform** with streaming chat, PowerPoint generation, PDF extraction, TTS, and **REST APIs** for chat, file uploads, and content export.

EDUCATION

B.Tech - Computer Science & Engineering

2020-2024

Punyashlok Ahilyadevi Holkar University, Solapur | **CGPA:** 9.55