

# Lokeshwar V

Chennai, India | +91 9578692037 | lokeshwar\_v@yahoo.com  
linkedin.com/in/lokeshwar-v-017a1b142 | github.com/Lokeshwar-V

## Professional Summary

---

Data Engineer with 2+ years of experience at Accenture building scalable ETL pipelines, AI-powered retrieval agents, and automated cloud workflows. Delivered systems processing 500K+ records with validated data quality. Recognised as Star of the Month (2025). Proficient in Python, SQL, Milvus, and Microsoft Azure.

## Technical Skills

---

<b>Languages</b>	Python, SQL
<b>Data Engineering</b>	ETL Pipelines, Data Ingestion, Data Processing, Pandas, Workflow Automation
<b>Databases</b>	PostgreSQL, Milvus (Vector DB)
<b>AI / ML</b>	Vector Embeddings, Semantic Search, RAG, AI Agents, LangChain
<b>Cloud &amp; Frameworks</b>	Azure, Azure App Service, Azure Logic Apps, Azure Functions, FastAPI, Flask
<b>Tools</b>	Git, REST APIs, Postman, VS Code, Anaconda

## Professional Experience

---

**Packaged Application Development Analyst** Mar 2026 – Present  
*Accenture India, Chennai*

- Design and manage scalable data pipelines for ingesting, processing, and retrieving enterprise datasets using Python and SQL.
- Develop customised AI agents for intelligent data retrieval across Milvus vector database and PostgreSQL, improving query relevance and reducing manual lookups.
- Optimise vector search indexing and retrieval logic within Milvus, improving semantic search accuracy and response latency by up to 30%.
- Troubleshoot and resolve production issues in dataset retrieval pipelines, improving uptime for business-critical workflows.
- Manage onboarding of new enterprise datasets by extending existing ETL pipelines and automated ingestion workflows.
- Collaborate with cross-functional teams to evolve data architecture, pipeline scalability, and automation strategy.

**Packaged Application Development Associate** Apr 2024 – Mar 2026  
*Accenture India, Chennai*

- Designed and implemented automated ETL pipelines processing 500K+ records per run using Python and Pandas, with validation logic ensuring data quality across all stages.
- Built scalable data ingestion workflows loading datasets into SQL databases and Milvus vector database, cutting average ingestion time by up to 25%.
- Developed Microsoft Teams event-based workflow automation using keyword triggers to activate Azure Logic Apps, eliminating manual job kickoffs.
- Integrated Azure Logic Apps with APIs on Azure App Service to orchestrate data loading, pipeline execution, and job monitoring with centralised notifications.

- Deployed Python backend services on Azure App Service supporting internal automation systems, saving approximately 20 hours/week for the data platform team.

## Software Engineer Intern

Dec 2023 – Apr 2024

*NYL Technology, Chennai*

- Contributed to backend API development and data processing tasks using Python, REST APIs, and relational databases.
- Supported debugging, testing, and documentation of software modules, saving approximately 9 hours/week for the engineering team.

## Projects

---

### Customised AI Agent – Milvus & SQL Structured Data Retrieval *Accenture India, 2025*

- Built a production AI retrieval agent combining Milvus vector search and PostgreSQL, enabling semantic and structured queries across large enterprise datasets.
- Designed filtering and ranking mechanisms to improve retrieval precision; implemented citation-supported responses to increase transparency and user trust.

### Automated GenAI Document Processing Pipeline

*Accenture India, 2025*

- Engineered an end-to-end document ingestion pipeline from Azure Blob Storage handling text extraction, chunking, and embedding generation at scale.
- Automated synchronisation across multiple Milvus environments, reducing manual intervention and improving document availability for downstream AI search.

## Education

---

### Master of Business Administration (MBA) – Data Science

2023 – 2025

Amity University

CGPA: 7.4 / 10

### Bachelor of Technology – Information Technology

2018 – 2022

Vel Tech Multi Tech Engineering College

CGPA: 8.15 / 10

## Certifications

---

- Microsoft Certified: Azure AI Fundamentals
- Microsoft Applied Skills: Accelerate AI-Assisted Development using GitHub Copilot
- Primerli Software Industry Foundations

## Achievements

---

- HIGH FLYER – Star of the Month Award, Accenture (2025)
- TechExpressway Merit Holder, Accenture (2024)
- TCS National Qualifier Test (NQT) – Score: 84 percentile