Manyue Javvadi

Data Platform Engineer | Databricks Developer

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PROFESSIONAL SUMMARY

Databricks Certified Data Engineer Professional with hands-on experience developing governed Azure Databricks platforms and business-facing applications in a Canadian banking environment. Built secure self-service tools, automated platform operations, and reduced Databricks Apps compute costs by over 80% based on verified cost measurements. Currently independently developing a Genie-powered data assistant and rebuilding an enterprise web application. Earlier experience in Java enterprise software development, SQL, and data engineering.

TECHNICAL SKILLS

Databricks & Data: Azure Databricks, Databricks Apps, Genie, Unity Catalog, PySpark, Apache Spark, Delta Lake, Lakeflow Designer, Delta Live Tables, Auto Loader, ETL, data modeling

Programming & Tools: Python, SQL, Java, PowerShell, Bash/Linux, PostgreSQL, Git, Docker, REST APIs, Apache Airflow

Azure & Platform: Azure Key Vault, Microsoft Entra ID, RBAC, Azure Data Lake Storage, secret scopes and ACLs, service principals, CI/CD, access governance

Practices: Platform enablement, least-privilege security, cost optimization, data quality, Agile/Scrum

PROFESSIONAL EXPERIENCE

Azure – Databricks Platform Engineer | Jarvis Consulting Group (Client: CIBC) | Toronto, ON

Nov 2025 – Present | CIBC deployment: Aug 2026 – Present

- Designed and implemented scheduled start/stop automation for Databricks Apps with configurable application-level include/exclude controls; verified an 80%+ reduction in associated Databricks Apps compute costs.
- Independently developing a Databricks App-based Data Assistant that uses Genie agents to let business users from different lines of business ask natural-language questions about relevant curated Gold-layer tables.
- Built a Databricks file-explorer App with on-behalf-of-user (OBO) authorization, allowing users to navigate Unity Catalog catalogs, schemas, and volumes under their existing permissions.
- Develop User Defined Operators (UDOs) in Databricks Lakeflow Designer that wrap reusable ETL functionality for Informatica developers migrating workloads to Databricks.
- Implemented per-line-of-business secret isolation using Azure Key Vault-backed Databricks secret scopes, scope ACLs, and service-principal automation using PowerShell and REST APIs.
- Support enterprise team onboarding, Unity Catalog environment provisioning, and migration to Databricks; investigated compute networking constraints affecting parallel job execution.

Before client deployment: completed Jarvis data engineering training and earned the Databricks Data Engineer Professional certification.

Junior Software Engineer | Cognizant Technology Solutions | India | Jun 2021 – Sep 2023

- Developed and maintained Java enterprise applications for the insurance domain, including SQL queries and stored procedures for reporting and integrations.
- Migrated 15+ applications from SVN to GitHub and implemented CI/CD; reported a 35% improvement in team productivity.
- Resolved system upgrade issues involving dependencies and server configuration; supported documentation and mentoring.

SELECTED PROJECT

Circuit Box — E-commerce Lakehouse Pipeline | Databricks, PySpark, Delta Lake, DLT, Auto Loader, ADLS

- Built a Bronze–Silver–Gold pipeline with incremental ingestion, schema evolution, checkpointing, quality expectations, and PySpark/SQL transformations; orchestrated jobs with Databricks Workflows.

EDUCATION

Postgraduate Certificate, Applied AI Solutions Development — George Brown College, Toronto | 2024–2025 | Distinction (96%)

Postgraduate Certificate, Big Data Analytics — Georgian College, Ontario | 2023–2024 | High Academic Standing (86%)

Bachelor of Commerce — SRM University, India | 2018–2021 | 85%

CERTIFICATIONS

Databricks Certified Data Engineer Professional (2026) | Databricks Certified Data Engineer Associate (2025)

AWS Academy Graduate — Cloud Architecting (2024) | IBM Enterprise Design Thinking Practitioner (2024)