

# Vijaya Teja Rebbapragada (Teja)

Senior Data Engineer | Azure | Fabric | Databricks

Hyderabad, India | rvijayteja@gmail.com | +91-7406344275 | linkedin.com/in/teja-rv

---

## Professional Summary

---

Senior Data Engineer with 8+ years of experience designing and delivering enterprise data platforms across Azure, Microsoft Fabric, Databricks, dbt, and SQL ecosystems. Strong in Python engineering, data modeling, orchestration, performance tuning, cost optimization, and stakeholder-driven delivery.

## Core Skills

---

Microsoft Fabric, Azure Databricks, Azure Data Factory, Azure Synapse, Azure SQL, dbt, Python (Advanced), PySpark, SQL Performance Tuning, Azure Functions, Power BI, DAX, Cloud Solution Architecture, Data Modeling, ETL/ELT.

## Professional Experience

---

### Senior Data Engineer | Enviri (formerly Harsco) India Private Limited

09/2023 - Present | Hyderabad, India

- Led dbt implementation to replace stored-procedure-heavy transformations with modular, testable analytics engineering models.
- Improved data quality and reporting trust through testable dbt models, validation checks, and release guardrails.
- Engineered Azure Function integrations to extract REST API metrics and publish trusted datasets for Power BI reporting.
- Delivered multiple enhancements to a metadata-driven ADF extract framework to improve reliability and onboarding speed.
- Executed Azure Databricks PoC and validated scalable modernization patterns for transformation and compute optimization.
- Applied lakehouse-aligned engineering patterns across Fabric and Databricks to improve governance, consistency, and model reusability.
- Reduced end-to-end runtime from 7 hours to 2.5 hours after dbt migration through model and orchestration tuning.
- Applied indexing and workload optimization patterns across SQL, Databricks, and Fabric pipelines.
- Implemented cost optimization across extraction and transformation workflows through compute and scheduling refinements.

- Strengthened observability with improved logging, diagnostics, and incident remediation playbooks for production pipelines.
- Proactively identified delivery risks and remediated bottlenecks before production incidents.

### **Tech Arch Senior Analyst | Accenture**

02/2021 - Present | Hyderabad, India

- Architected and delivered end-to-end Azure data integration platforms across ADF, Azure Storage, and Azure Functions.
- Built reusable metadata-driven ingestion frameworks for multi-source cloud data onboarding.
- Implemented transformations across ADF data flows, Databricks (PySpark), Fabric-oriented patterns, and SQL procedures.
- Developed cross-cloud Azure Function integrations for AWS S3 to SFTP movement and BigQuery to PostgreSQL extraction.
- Established scalable patterns for schema evolution, data validation, and repeatable analytics pipeline delivery.
- Delivered dimensional models and advanced Power BI reporting with DAX Studio and Tabular Editor.

### **Software Engineer | Tech Mahindra**

04/2018 - 02/2021 | Hyderabad, India

- Migrated legacy SSIS ETL from on-prem SQL Server to Azure PaaS with SSIS on ADF, Azure SQL MI, and ADLS Gen2.
- Engineered cloud-native ADF pipelines with transformation layers and custom operational logging controls.
- Strengthened security posture by replacing key-based connectivity with Managed Identity and Azure Key Vault integration.
- Improved SSIS and SQL execution performance through indexing strategy upgrades and query optimization.

### **Leadership**

---

- Line-managed 2 data engineers while remaining hands-on with architecture, implementation, and production support.
- Led requirement shaping with business stakeholders and translated asks into sprint-ready engineering execution plans.

### **Certifications**

---

- Microsoft Certified: Azure Solutions Architect Expert
- Microsoft Certified: Fabric Analytics Engineer Associate
- Microsoft Certified: Azure Developer Associate
- Microsoft Certified: Azure Database Administrator Associate

- Microsoft Certified: Azure Administrator Associate
- Microsoft Certified: Azure Data Engineer Associate

## **Education**

---

Bachelor of Engineering in Electronics and Communication, SJB Institute of Technology (2013 - 2017)