

RAVI TEJA

Data Engineer — Microsoft Azure | Python | SQL

London, UK | 07405 484827 | data96561@gmail.com

PROFESSIONAL PROFILE

Data Engineer with 5+ years' combined experience across data engineering and data testing, specialising in Microsoft Azure, Python, SQL and end-to-end ETL/ELT pipeline delivery. Since December 2021, has designed and supported scalable pipelines that integrate and transform data from multiple sources for reporting and analytics, working across Azure DevOps, data validation, defect management and data-quality assurance. Strong grounding in relational databases, REST APIs, cloud storage and SQL optimisation, with a track record of improving pipeline reliability through robust monitoring, error handling and troubleshooting.

KEY SKILLS

Azure & Cloud	Azure Data Factory, Data Lake Storage, Blob Storage, Azure SQL Database, Synapse Analytics, Key Vault, Monitor, Azure DevOps, Databricks
Programming	Python (Pandas, PySpark, Requests, JSON, Pathlib, Azure SDK)
SQL & Databases	SQL, T-SQL, SQL Server, Stored Procedures, Views, CTEs, Window Functions, Joins, Subqueries, Query Optimisation
Data Engineering	ETL/ELT, Databricks, Data Integration & Transformation, Data Cleansing, Data Validation & Quality, Data Modelling, Data Warehousing, Batch Processing, API Integration
Testing & QA	Data & ETL Testing, Source-to-Target Validation, Data Reconciliation, Regression & Functional Testing, Defect Management, Databricks Validation Frameworks, Test Automation
Formats & Tools	CSV, JSON, Parquet · Git, Azure DevOps, VS Code, Jupyter Notebook, Power BI

PROFESSIONAL EXPERIENCE

Data Engineer

Dec 2021 – Present

Austin David | London, UK

- Design, develop and maintain scalable ETL/ELT pipelines on Microsoft Azure, ingesting data from relational databases, REST APIs, cloud storage and file-based sources via Azure Data Factory.
- Automate extraction, transformation, cleansing, validation and loading processes using Python (Pandas, Requests, JSON, Pathlib) and database connectivity libraries.
- Write and optimize complex SQL/T-SQL joins, CTEs, window functions, aggregations, CASE expressions and subqueries for data extraction, reconciliation and reporting against Azure SQL Database and SQL Server.
- Build ingestion processes for CSV, JSON and Parquet datasets, and manage raw, processed and curated data across Azure Data Lake Storage and Blob Storage.

- Build and maintain data-engineering pipelines in Databricks using PySpark notebooks, alongside validation frameworks and automated testing workflows for large-scale reconciliation and quality checks.
- Implement data-quality controls to catch missing values, duplicates, invalid records and schema mismatches, and build reconciliation processes to keep source and target systems aligned.
- Monitor production pipelines, investigate failures and performance issues, and improve reliability through logging, exception handling and retry mechanisms.
- Partner with data analysts, BI developers and business stakeholders to deliver trusted datasets underpinning Power BI reporting and dashboards.
- Use Git and Azure DevOps for source control, work tracking and deployment, and contribute fully to Agile ceremonies sprint planning, stand-ups, backlog refinement and retrospectives.

Data Tester

Jun 2020 – Nov 2021

NAV CANADA | London, UK

- Performed source-to-target data validation to confirm data was accurately extracted, transformed and loaded across systems, using SQL to check completeness, accuracy and integrity.
- Ran data reconciliation between source and target databases, validating record counts, field mappings, transformations, null handling, duplicates and business rules.
- Designed and executed test scenarios from business and technical requirements, and led regression testing after fixes and pipeline changes.
- Raised and tracked defects in Azure DevOps with detailed reproduction steps and supporting evidence, working closely with developers to verify fixes.
- Supported Agile delivery through sprint planning, stand-ups, defect reviews and retrospectives, helping lift overall data quality.

EDUCATION

BSc Computer Science and Mathematics

2017 – 2020 - Loyola

CORE STRENGTHS

Azure Data Engineering · Python Data Processing · SQL Development · ETL/ELT Pipeline Development · Data Testing & Validation · Azure DevOps · API & Database Integration · Data Quality & Reconciliation · Pipeline Monitoring & Troubleshooting · Root-Cause Analysis · Agile/Scrum Delivery · Stakeholder Collaboration