

JOYEB MULLA

Lead Data Engineer (Advisory Tech) | Microsoft Fabric Certified | Azure | Databricks | Power BI | SQL

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LinkedIn: <https://www.linkedin.com/in/joyeb-m-04b94158> | Location: India

UK On-site Experience (Nov 2022 – Oct 2024) | Open to Relocation | Seeking UK & Europe Roles

PROFILE

Lead Data Engineer in Advisory Tech with 10+ years of experience architecting and delivering enterprise-scale cloud data platforms, analytics, and BI solutions. Strong focus on Microsoft Fabric, Azure, and Databricks, designing secure, scalable data architectures across batch and near real-time workloads. Extensive experience modernising analytics estates by migrating legacy platforms into governed, cloud-native architectures, simplifying data models, and establishing robust delivery and governance standards. Hands-on leadership in Microsoft Fabric migrations including Lakehouse architecture, semantic model redesign, and Power BI consolidation across large financial datasets (P&L, GL, Balance Sheet, Working Capital). Proven client-facing delivery experience with UK stakeholders, translating complex business and regulatory requirements into scalable, production-ready data solutions.

CORE SKILLS

Cloud & Data: Azure (Microsoft Fabric, ADF, Synapse, Data Lake Gen2, SQL DB), Databricks, Delta Lake, PySpark

ETL & Automation: ADF, SSIS, NiFi, Airflow, Python, CI/CD Pipelines, Alteryx

SQL & Modelling: T-SQL, DAX, Dimensional Modelling, Performance Tuning

Analytics & BI: Power BI, Tableau, Looker, SSAS, SAP BusinessObjects

Governance & DevOps: Azure DevOps, Git, Data Lineage, Security, Cost Optimisation

GenAI: Azure OpenAI, Narrative BI concepts

Domains: Financial Reporting (P&L, GL, Balance Sheet, Working Capital), UK Mortgage, Retail, Industrial

PROFESSIONAL EXPERIENCE

KPMG India (KGS) – Lead Data Engineer | Dec 2020 – Present

On-site: KPMG UK (Nov 2022 – Oct 2024)

- Delivered the **KPMG Insight Platform (KIP)**, acting as a senior technical lead coordinating with UK stakeholders, architects, analysts, and delivery teams across complex transformation programmes.
- Architected and delivered enterprise-scale data platforms using Azure Data Factory, Synapse Analytics, Databricks, and Azure Data Lake, supporting regulated financial reporting domains.
- Played a key leadership role in **Microsoft Fabric migration initiatives**, including Lakehouse architecture design, data model refactoring, and semantic layer optimisation.
- Led consolidation of **100+ Power BI and Alteryx assets** into a governed Microsoft Fabric environment, improving security, lineage, and operational consistency.
- Delivered Fabric Analytics for **Profitability Intelligence**, enabling improved financial transparency, auditability, and governed self-service analytics.
- Defined and enforced engineering standards including CI/CD pipelines, branching strategies, reusable ingestion and transformation frameworks, and delivery best practices.
- Achieved ~30% performance improvement across 10TB+ data workloads through PySpark

optimisation, partitioning strategies, and scalable lakehouse design.

- Ensured GDPR-aligned data security, access controls, metadata management, and lineage documentation across multi-region datasets.
- Led architecture reviews, solution design workshops, and technical feasibility assessments for large UK client programmes.
- Explored GenAI-driven summarisation and natural-language insights integrated into BI and reporting workflows using Azure OpenAI.

Nihilent Technologies – Senior Data Engineer | Dec 2018 – Dec 2020

- Designed and delivered Azure Data Factory and Databricks pipelines ingesting and transforming data into Azure Data Lake architectures.
- Built incremental and scalable ETL frameworks supporting finance and retail analytics use cases.
- Developed and optimised Power BI dashboards with Row-Level Security (RLS), incremental refresh, and performance-tuned semantic models.
- Improved data pipeline reliability, monitoring, and operational performance through proactive tuning and automation.

Wipro – Software Developer | Nov 2017 – Dec 2018

- Designed ADF and SSIS ingestion pipelines for industrial and energy datasets within enterprise environments.
- Developed Power BI reports using advanced DAX, secure workspace modelling, and governed dataset design.
- Supported deployment cycles, testing, and production enhancements in collaboration with UK-based teams.

KPIT Technologies – Software Developer | Nov 2014 – Oct 2017

- Managed SAP BusinessObjects and Power BI reporting estates across multiple business units.
- Designed governed dashboards and optimised semantic layers to support enterprise reporting needs.
- Supported production operations, release cycles, and quality improvements across BI platforms.

ACHIEVEMENTS & LEADERSHIP

- Recognised by KPMG UK leadership for Microsoft Fabric migration delivery, architectural leadership, and strong client collaboration.
- Developed reusable engineering frameworks in SQL, PySpark, and Azure Data Factory adopted across delivery teams.
- Designed a monitoring and observability model reducing production issue resolution time by ~30%.
- Mentored junior engineers and led architecture, design, and code reviews across multiple delivery streams.