

As an experienced Data Engineer with three years of specialised expertise in cloud engineering, I have developed a strong proficiency in Microsoft Azure services, alongside advanced skills in Python and SQL. My career has been defined by a commitment to delivering high-quality, scalable data solutions within enterprise environments. I excel at building robust cloud-based SaaS products, leveraging my knowledge of Azure services, Python, and SQL to design and implement data engineering applications that drive business value and operational efficiency. My dedication to excellence and persistence in tackling complex challenges have been integral to my success in this dynamic field.

EDUCATION

- 2020 - 2021: Northumbria University
- MSc in Renewable & Sustainable Energy Technologies (First Class)
- 2024 - Present: Birmingham City University
- PhD in AI, IoT, and Building Automation & Control

WORK EXPERIENCE

- 2021 - 2024 Kagool Ltd
- Azure Data Engineer
- Data Migration SaaS:

Developed, deployed, and managed Kagool's Azure-based data migration platform (Velocity), leveraging a range of Azure services.

Data Pipelines and Workflows:

Engineered and maintained robust ETL pipelines using Azure Data Factory, Databricks, SQL Database, and Data Lake Storage, ensuring efficient, reliable, and error-free data extraction, transformation, and loading processes.

Metadata-Driven SaaS Development:

Led the creation of a metadata-driven SaaS product hosted on Azure, empowering end-users with streamlined management of workflows, integrations, and data governance. Delivered the solution to a major UAE-based conglomerate (Al-Futtaim Group), addressing complex enterprise data requirements.

Azure Infrastructure:

Provisioned, configured, and managed Azure components such as Data Lake Storage, Logic Apps, Event Grid, SQL Database, Functions, and Databricks to deliver scalable and secure data platforms.

AI-Enhanced Solutions:

Applied advanced knowledge of Azure AI services, including Azure OpenAI, Azure Search, and Document Intelligence to embed intelligent features into cloud-based applications, enhancing functionality and delivering innovative user experiences.

Secure Data Governance:

Leveraged Unity Catalog to implement a robust data governance framework, ensuring structured, secure, and auditable data access across the platform.

Agile Collaboration and Delivery:

Worked within Agile teams to deliver projects across Development, QA, SIT, and Production environments, ensuring on-time and high-quality delivery of solutions.

Communication and Problem-Solving:

Demonstrated exceptional communication skills and adaptability, effectively resolving complex challenges in collaboration with cross-functional teams.

QUALIFICATIONS

- Microsoft Certified Azure Fundamentals (AZ-900)
- Microsoft Certified Azure Data Fundamentals (DP-900)
- Databricks Lakehouse Platform Fundamentals
- Microsoft & LinkedIn Career Essentials in Generative AI
- Databricks Generative AI Fundamentals
- Datacamp Large Language Models Concepts
- Datacamp Sentiment Analysis in Python
- Datacamp Working with the OpenAI API
- Datacamp Building Chatbots in Python

SKILLS

- Microsoft Azure
- Cloud SaaS Development
- Python
- SQL
- ETL Pipelines
- ERP and CRM systems (Salesforce, SAP, Oracle).
- Medallion Architecture (bronze, silver, gold)
- Azure Data Factory
- Azure Databricks
- Azure Synapse
- Unity Catalog
- Apache Spark (Delta, Parquet)
- Azure Functions
- Azure Logic Apps
- Azure Event Grid (Event-driven solutions)
- Azure Search
- Azure AI Document Intelligence
- Azure OpenAI
- OpenAI API
- PowerShell scripting
- Version control (git cli, azure devops)
- Metadata-driven development
- Technical documentation
- Research & Development