Kazim Musa

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Career Objective

Results-driven BI Data Engineer with 6 years of experience in designing and developing data models, data warehouses, and business intelligence solutions. Notable achievements include leading the migration of SAP models to GCP, optimizing ETL processes with AWS Glue, and implementing dynamic data masking for enhanced security. Seeking to leverage my expertise in data engineering and cloud technologies to contribute to a forward-thinking organization and drive impactful, data-driven decisions.

Experience Summary

Role	Company	Location	Dates
Senior Data Engineer	Wesfarmers Health	Melbourne, Australia	August 2023 - Present
BI Data Engineer	Australian Pharmaceutical Industries (API)	Melbourne, Australia	November 2021 - August 2023
BI Data Engineer	Keypath Education Australia	Melbourne, Australia	April 2020 - November 2021
Business Intelligence Consultant	Neo Media World	Sydney, Australia	November 2019 - April 2020
Data Analyst	Merkle Australia	Sydney, Australia	August 2018 - November 2019
Data Analyst	Steelx Pty Ltd	Gold Coast Mc, Queensland, Australia	August 2017 - August 2018

Technical Skills

Skill Category	Technologies
Programming Languages	Python, SQL, Bash, PowerShell
Business Intelligence Tools	Power BI, Tableau, Data Studio
Data Engineering	ETL & ELT, Batch & Streaming Data Pipelines, Data Warehousing, Data Modeling
Cloud Platforms	Google Cloud Platform (GCP), AWS, Snowflake
Data Orchestration	Apache Airflow, AWS Glue, GCP Cloud Composer, Terraform
Serverless Technologies	AWS Lambda, GCP Cloud Functions
Additional Tools	Git, Docker, Kubernetes, DBT, Informatica, Teradata

Professional Experience

Senior Data Engineer | Wesfarmers Health

Melbourne, Australia | August 2023 - Present

- Worked with Snowflake for data engineering and management, including building scalable data solutions.
- Orchestrated DAGs using Apache Airflow, optimizing the workflow for data pipelines.
- Managed infrastructure and permissions through Terraform, ensuring seamless resource provisioning and access control.
- Implemented dynamic data masking for data privacy and regulatory compliance.
- Led the migration of SAP models to GCP using DBT, BigQuery, Airflow, and Cloud Run, ensuring a seamless transition and improved data processing.
- Maintained and supported legacy systems, including Teradata, Informatica, and Microstrategy, ensuring business continuity and data integrity.
- Established best practices in data management and analytics to drive insights and decision-making during GCP migration.
- Improved data workflow efficiency and team productivity by enhancing legacy systems and adopting advanced technologies.
- Leveraged AWS EMR for batch data processing and AWS DynamoDB for non-relational data management in a multi-cloud environment.

BI Data Engineer | Australian Pharmaceutical Industries (API)

Melbourne, Australia | November 2021 - August 2023

- Designed and implemented efficient data warehousing solutions to facilitate seamless data storage and retrieval.
- Managed data migration projects, transforming large volumes of data from on-premises Teradata and Informatica environments to GCP.
- Leveraged AWS S3 for secure data storage and AWS Lambda for serverless data transformations to streamline data engineering workflows.
- Integrated diverse data sources, enabling smooth data flow and facilitating comprehensive analysis and reporting.

BI Data Engineer | Keypath Education Australia

Melbourne, Australia | April 2020 - November 2021

- Analyzed and understood business requirements to identify key metrics and data sources for reporting and analysis.
- Developed and maintained data models and structures to support BI reporting and visualization tools.
- Created and optimized ETL (Extract, Transform, Load) processes to ensure accurate and timely data integration from various sources into the BI system.
- Utilized AWS Glue for ETL processes and AWS Redshift for data warehousing to enhance data integration and reporting capabilities.

Business Intelligence Consultant | Neo Media World

Sydney, Australia | November 2019 - April 2020

- Worked closely with clients to understand business needs, translating them into effective BI solutions.
- Designed and implemented data models, dashboards, and reports using Power BI, Tableau, and Data Studio.
- Provided guidance on data visualization best practices to ensure reports effectively communicated insights.

Data Analyst | Merkle Australia

Sydney, Australia | August 2018 - November 2019

- Collected and analyzed data from various sources to identify trends, patterns, and insights that informed business decision-making.
- Developed and maintained reports, dashboards, and visualizations to effectively communicate data insights to stakeholders.
- Conducted statistical analysis and data modeling to support predictive analytics.

Data Analyst | Steelx Pty Ltd

Gold Coast Mc, Queensland, Australia | August 2017 - August 2018

- Assisted in data collection, cleaning, and validation processes to ensure data accuracy and reliability.
- Conducted data analysis using tools such as Microsoft Excel, SQL, and Python to identify trends and insights.
- Prepared reports and visualizations to effectively present data findings to stakeholders.

Education

Master of Information Management System - Data Science
La Trobe University | 2015

Bachelor of Engineering (B.E.), Computer Science and Engineering
Bangalore Institute of Technology | 2012

Certifications

Google Cloud Certified Professional Data Engineer | Google | 2022

AWS Certified Data Analytics - Specialty | AWS | 2024

SnowPro Core Certification | Snowflake | 2024