

OBJECTIVE

Experienced Data Engineer with a strong background in data modeling, BI solutions, and cloud technologies. Proven ability to optimize SQL performance, design robust data pipelines, and develop insightful dashboards. I actively integrate AI into data engineering workflows, building custom Python applications and agentic tooling that improve productivity and raise the quality of delivered data solutions. While developing data solution I have strong adherence to working within and improving data quality and governance guidelines to deliver unified and reliable data sets. Highly analytical and problem-solving oriented, with strong adaptability in both independent and team environments.

SKILLS

Data Engineering & Warehousing

DBT (Core & Cloud)
Snowflake
SnapLogic
SQL Server, SSIS, SSAS
Database Optimization & Cost Efficiency
ETL/ELT Development, Data Transformation
Data quality and Governance

Programming & Scripting

SQL (DDL, DML, Tables, Views, Functions, Procedures, Indexing, Cost Analysis)
Python (Data ingestion, data transformation, notifications, AI integration, common libraries/bespoke libraries)
APIs (automation of data, pull, push)

BI & Reporting

SiSense, Power BI, Qlik Sense/View, Tableau, Cognos, BusinessObjects, MicroStrategy
Dashboard & Report Design, Data Visualization

AI Integration & Engineering

Custom Python applications integrating with AI / LLM APIs
AI integration into data engineering workflows and tooling
Agentic data engineering with Claude Code and MCP (Model Context Protocol) servers connecting Snowflake, dbt Cloud, Jira and Sisense

Cloud & Big Data

AWS: Lambda, ECR, EventBridge, DMS, S3, EC2, IAM, Postgres, Airflow
Azure: Data Factory, Synapse, Blob Storage

DevOps & Agile

GitHub (Actions), Bitbucket, JIRA, Confluence, Azure DevOps

EXPERIENCE

Senior Data Engineer | EveryLIFE Technologies (Remote)

APR 2023 – PRESENT

- Actively work with AI technologies to automate data engineering processes, improving the efficiency of delivery and the correctness of data, including agentic workflows integrating the data warehouse, dbt Cloud, Jira and BI tooling.
- Introduced DBT (SQL) and GitHub to enhance development best practices.
- Migrated and enhanced pipelines from AWS Airflow to AWS Lambda (all python), realising a huge cost saving and reduced ingestion run time.
- Optimized SQL performance in the cloud data warehouse, making queries 2x faster (100% performance improvement) via indexing and schema redesign.
- Developed solutions enabling near real-time data warehouse updates via streaming and tasks.
- Strong focus on maintaining the security of sensitive healthcare data.
- Work closely with applications team to align data across system applications and data warehouse.
- Ensured 99.9% system uptime while integrating data solutions with product teams.
- Monitored and fine-tuned reporting tools for maximized efficiency.
- Fully immersed in AWS cloud tech stack and always willing to learn use new tools where they fit the use case.
- Work in agile sprints using tooling best suited and achieving CI/CD (Jira/GitHub Actions).

Data Engineer Ocean Technologies Group (Remote)	DEC 2021 – APR 2023
• Led the migration of report solutions from Microsoft Azure to AWS cloud. • Developed integrations using SnapLogic, reducing data silos and improving data accuracy & cost efficiency. • Managed operations of data lake and implemented a new, more robust data warehouse. • Worked in a fully Agile & DevOps environment, ensuring continuous delivery.	
Business Intelligence Developer City Facilities Management UK (Glasgow)	MAY 2020 – DEC 2021
• Integrated Azure Data Factory to streamline ETL pipelines. • Developed a data quality monitoring tool to improve data accuracy. • Designed Power BI dashboards & SSRS reports to enhance operational insights.	
Business Intelligence Technical Specialist NHS Greater Glasgow and Clyde (Paisley)	NOV 2019 – MAY 2020
• Led BI projects, designing new ETL jobs to integrate external systems. • Monitored database & reporting tool performance, ensuring system efficiency. • Provided BI operational support & server maintenance.	
Software Engineer (BI) JP Morgan Chase (Glasgow)	JAN 2018 – NOV 2019
• Developed compliance & risk management reports using QlikView, Qlik Sense, and Tableau. • Optimized financial data visualizations and improved dashboard performance. • Provided mentorship to junior team members on best practices and Agile workflows.	
BI Developer DXC Technology (Hewlett Packard Enterprise) (Erskine)	FEB 2015 – DEC 2017
• Delivered customized and advanced reporting solutions using QlikView, BusinessObjects 4.0, and Crystal Reports. • Acted as the main point of contact for customer reporting queries across global locations. • Maintained and enhanced BI development best practices, coaching developers to ensure high-quality, accurate reporting solutions.	
BI Developer Sure Thing Insurance Services (Holytown)	DEC 2013 – FEB 2015
• Built customized BI solutions for Operations, Finance, and Commerce. • Led the development of a bespoke reporting suite under strict timelines. • Set up a fully automated sFTP data exchange solution for external partners.	
BI Developer BAE Systems (Glasgow)	APR 2011 – NOV 2013
• Developed and supported BI solutions using Cognos, primarily for Finance and Manufacturing. • Provided BI expertise on company projects and managed reporting expectations. • Administered reporting environment to ensure maximum performance and availability.	
UK Reporting & System Administrator Getronics UK Ltd (Inchinnan)	APR 2005 – AUG 2011
• Developed finance reporting solutions using Cognos BI. • Sole UK administrator for the company's ITSM tool. • Part of a Global Toolset Support Team, ensuring consistency across regions.	
IT Engineer BMI Healthcare – Ross Hall Hospital (Glasgow)	2001 – APR 2005



EDUCATION

BSc in Software Engineering University of Paisley	2001 – 2003
HND in Computing: Software Engineering Cardonald College, Glasgow	1996 – 1998



REFERENCES

References available on request.