Christopher Little - Data Engineer

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Education

University of Warwick
BSc Mathematics
First Class Honours
Sep 2014 - Jun 2018

Skills

Programming Languages

- Python ★★★★★
- SQL ★★★★★
- Typescript ★★★★

Data Tools

- Databricks ★★★★★
- Apache Spark ★★★★★
- DBT ★★★★

Cloud Technologies

- Terraform ★★★★★
- AWS Redshift ★★★★★
- AWS Lambda ★★★★
- AWS Glue ★★★★
- AWS S3 ★★★★

Containersation

- Docker ★★★★★

Database Systems

- PostgreSQL ★★★★★
- MySQL ★★★★★
- Snowflake ★★★★

Data Visualisation

- Streamlit ★★★★★
- Power BI ★★★★★
- Looker ★★★★
- Tableau ★★★★

DevOps

- GitHub Actions ★★★★

Experience

Data Consultant at SpeedSheet

Oxford, UK | Jan 2024 - Jan 2025

Started my own consultancy business, providing software development and data consulting services to clients.

Compliance Tool for Mortgage Broker: Built a tool which lets mortgage brokers extract data from PDFs such as bank statements and payslips and provides a Power BI analytics dashboard to track metrics. AWS Infrastructure written in Terraform, data pipeline built using SQL and Databricks. Saved 30 FTE hours per month for one client.

EBay Store Management System: Built a custom ERP system for an e-commerce business, allowing them to manage their inventory, orders, and sales and connect to eBay. AWS Infrastructure written in Terraform. Saved 20 FTE hours per month and increased sale conversion rate by approximately 10%.

Senior Data Consultant at ICS Consulting

Warwick, UK | Sep 2023 - Feb 2024

Excel Migration: Migrated a large and complex Excel process that used VBA to generate reports. I migrated this process to use a MySQL database and a pipeline powered by Apache Airflow, Python and SQL. The project saved approximately 100 FTE hours per month. Designed a suite of tests to ensure a smooth transition.

Data Engineer at Sonnedix

London, UK | Sep 2022 - Sep 2023

Financial Analysis Web Application: Developed a large-scale application using Typescript and React. This application integrated weather data, energy prices, and site-specific data to calculate expected solar site revenues.

Data Pipelining: Utilised SQL and Databricks to build and maintain data pipelines for collecting and processing time series power data.

Machine Learning: Led a project that forecasted long-term irradiation trends across solar sites in Japan, achieving a 0.4% annual increase in revenue forecasts.

Data Engineer at Cazoo

London, UK | Jun 2019 - Sep 2022

Backend Development: Transitioned from Google Sheets to a more efficient backend system for Cazoo's car purchasing process, achieving significant speed improvements, using AWS Lambda, DynamoDB, Docker, and AppSync.

Data Modeling: Modeled data into Redshift using SQL and DBT.