Christopher Little - Data Consultant

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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

- DBT ★★★★
- Apache Spark ★★★★

Cloud Technologies

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

Containerization

- Docker ★★★★

Database Systems

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

Data Visualization

- Streamlit ★★★★★
- Looker ★★★★
- Power BI ★★★★
- 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, helping them to automate their compliance process.

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

Senior Data Consultant at ICS Consulting
Warwick, UK | Sep 2023 - Feb 2024

Excel Migration: Migrated a large and complex Excel process. The existing process generated over 100 infrastructure asset forecasting reports for Ofgem using Excel and VBA. 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.

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 Apache Spark 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. Additionally, built a solar panel detection model using YoloV5 image recognition which was integrated into a Solar Site Prospecting tool.

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. Utilised Looker for data visualisation.