Jack Hughes

Dedicated student of data engineering with experience developing ETL pipelines. With my years of work providing technical support I'm eager to bring my technical and soft skills with me to deliver solutions and develop great rapport with colleagues and clients.

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EXPERIENCE

Generation, remote — *Jr. Data Engineer programme*

SEPT 2020 - NOV 2020

- Completed a full-time intensive course covering development of ETL pipelines.
- Exposed to data engineering tools and technologies and how they fit into the data engineering ecosystem.
- Applied Agile and software construction best practices in individual and group projects.

Out of work — Recovering from injury

JUNE 2019 - MARCH 2020

Littlefish, Rochdale — *Service Desk Engineer*

APRIL 2019 - JUNE 2019

- Managed/deployed IT infrastructure for dozens of organisations and charities.

Sodexo, Salford— *Support Technician*

JANUARY 2020 - MARCH 2020

- Managed support for thousands of assets ensuring speedy uptime across stores in event of technical failure.

Arcadis, Manchester — *Service Desk Analyst*

MAY 2015 - JULY 2018

- Provided technical support in a fast-paced environment, regularly beating performance KPIs.
- Mentored new colleagues on tools and processes.

EDUCATION

The Oldham College

SEPT 2012 - MAY 2014

- BTEC Diploma Uniformed Public Services (DDD Grade)
- GCSE Maths & English

SKILLS / TOOLS

Experience with and exposure to the below:

Python	–	data cleaning	–	AWS S3
SQL	–	Linux	–	AWS Lambda
Agile	–	Bash	–	AWS Redshift
Git	–	Docker	–	CloudFormation

PROJECTS

Infinity Cafe: Infinite-Data System (group project)

A cloud-native serverless ETL pipeline using Agile methodology within a 7-person team.

Using AWS S3 as the data source, we used AWS Lambdas to create a data pipeline ingesting unusable CSV data, then cleaning it with Python to be stored in an AWS Redshift data warehouse which we queried to generate visualisations.

The development process used GitHub Actions for CI/CD and integrated CloudFormation to deploy our cloud infrastructure using code.

This solution allowed stakeholders to easily monitor daily sales data, enabling better data-driven decision-making and advancing their ability to meet and adapt to customer needs.

SpaceBar (individual project)
https://github.com/HughesyDev/SpaceBar

A terminal-based Python app with MySQL interaction designed to capture drink orders, persist drink preferences and round details. Applied professional software construction practices using Docker to ensure a clean and reproducible development environment and source-control with Git.