

# Ewan Ritchie

## Junior Data Engineer

Aberdeen

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### Profile

An analytically driven, statistically minded, and highly resilient problem solver, looking to kick-start my career in data engineering. I am excited to realign my career with my strengths and ambitions, so I have undertaken extensive retraining through Northcoders' Data Engineering Boot Camp, thoroughly enjoying learning the fundamentals of data processing and architecture — supplemented by online courses and self-study.

I am determined to secure a role in this dynamic field, where I can leverage my new skill set within a forward-thinking team, building a successful career in data engineering.

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### Technical Skills

**Programming/Code:** Python

**Cloud:** AWS, including EC2, Lambda, RDS, Cloudwatch, IAM, AWS API usage via command line and SDK

**DevOps:** Terraform, CI/CD (GitHub Actions)

**Data:** intermediate/advanced SQL, Postgres, pandas, database modelling, normalisation, warehouse design

**Design patterns:** Star Schema warehouse, data lake, Lakehouse

**Methodology:** Agile/Scrum, Trello management & Orchestration  
**Testing:** Test Driven Development (TDD), Pytest

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### Professional experience

**Trainee Data Engineer**, Northcoders (June 2024 – September 2024)

A thirteen-week intensive course providing comprehensive coverage of data engineering with Python and SQL. With a strong emphasis on Test-Driven Development from the outset to ensure high-quality code, and the use of pair programming to foster collaboration and enhance problem-solving skills. Focused on practical applications, employing real-world methods and techniques. Concluding with a collaborative group project, consolidating learning and demonstrating practical skills.

**NC Project** Using Python and Terraform, my team successfully designed and implemented an application that extracted, transformed and loaded data from a PostgreSQL database into a data lake and data warehouse hosted in AWS. [Project-Onyx](#)

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### Education & Training

**Northcoders** (June 2024 — September 2024)

**Dataquest** (March 2024 — June 2024)

A comprehensive online course covering how to work with data architecture, data processing, and data systems using Python and SQL

**Robert Gordon's University** (March 2024 — May 2024)

A ten-week upskilling course, An Introduction to Python Programming at SCF7 level.

**Open University:** Certificate of Higher Education (September 2016 — Present)

Pursuing a BSc (Hons) in Mathematics and Physics, I have successfully completed 180 out of 360 credits. After taking a break from my studies to open and manage my restaurant I will be resuming study in October.

**Opito** (May 2014)

City & Guilds level 3 — Petroleum Process Technology. I received distinction and credit grades throughout the ten

modules.

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## **Work Experience**

Director and Chef, Lobo (September 2021 – March 2024)

- Co-founded and managed a successful restaurant in Glasgow from the ground up.
- Maintained focus on diner expectations and experiences, driving business growth and satisfaction.
- Adapted to challenges and overcame obstacles to ensure profitability and smooth operations in a high-pressure environment.
- Fostered a positive and productive work environment by building strong relationships with staff, associates, and suppliers.
- Managed company accounts, records, and certification with meticulous attention to detail.

Chef De Partie, Tron Bar & Kitchen (May 2018 – September 2021)

- In my first chef role, I thrived in a demanding, fast-paced environment in which understanding instructions and communicating effectively first time was essential.
- I quickly adapted to an array of different techniques and methods in an ever-changing setting.

Area Technician, Aker Solutions (May 2017 – May 2018)

- Controlled all work within my defined area during the hook-up and commissioning phase.
- Assessed and managed risk for upcoming work scopes, carefully ensuring all permits and documentation were in place.
- Completed accurate and succinct daily and trip reports.
- Participated in daily meetings with operations management, understanding instructions and raising any concerns.

Production Technician, Petrofac (July 2012 – March 2017)

- Utilized extensive knowledge of the platform and its systems to maintain smooth operations and achieve production targets.
- Suggested and implemented improvements to plant operations and procedures.
- Effectively communicated with vendors and other departments to coordinate cross-discipline tasks.

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## **Hobbies and Interests**

- Staying active outdoors through running, walking, and cold-water swimming.
  - Relaxation through playing the guitar and solving puzzles.
  - Exploring philosophy through books and podcasts.
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