

Luke McDowell

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EXPERIENCE

JP Morgan Chase & Co, Glasgow - Software Engineer

September 2023 - Present

- Full stack engineer primarily working with ReactJS and Java Spring Boot, with a stronger focus on frontend development.
- Contribute to the development of new user interfaces and APIs for various micro-frontend applications.
- Utilise technologies such as Git, AWS, and Docker daily.
- Follow modern DevOps and CI/CD practices.
- Operate within a team with a strong agile focus, adhering to agile practices.

PwC, Leeds - Technology Degree Apprentice

September 2019 - July 2023

- Contributed to designing and developing a solution for visualising transactional data in the private equity market.
- Transformed and cleaned ingested data using SQL, and created reports in Power BI to visualise the data.
- Promoted adoption of the new solution by engaging with various teams, conducting demos, and gathering feedback.
- Built solutions to assist team members and stakeholders, including:
 - An automated Alteryx workflow with a Python script for web data scraping.
 - A project management web app created using MS Power Apps.

PROJECTS

Musaic - <https://musaic-grid.vercel.app/>

June 2024 - August 2024

- Designed and built a web application to create a mosaic of your favourite album covers. Built using Typescript, NextJS, Shadcn and Tailwind CSS.
- Integrates with the Spotify API to search for albums.

EDUCATION

University of Leeds

September 2019 - July 2023

- BSc Computer Science (Digital & Technology Solutions) - First Class Honours
- Relevant modules: Machine Learning, Algorithms, User Interfaces, Object-Oriented Programming, Blockchain

SKILLS

- **Programming:** Typescript • Javascript • Java • Python • C++ • C
- **Web & Database:** HTML • CSS • SQL
- **Frameworks:** ReactJS • NextJS • Spring Boot • Node.js • TailwindCSS
- **Tools/Technologies:** AWS • Git • Docker • Terraform • Linux • Jenkins • Spinnaker • Figma

LANGUAGES

- English (Fluent) • Spanish (Intermediate)

AWARDS & CERTIFICATIONS

- AWS Certified Developer - Associate, Gold Duke of Edinburgh's Award, Azure Fundamentals.

INTERESTS

- Chess, Reading, Running, Football, DJing, Cycling, Hiking, Boxing, Martial Arts.