

# Michael Moyles

<https://michaelmoyles.com> | <https://github.com/MichaelMoyles>

<https://www.linkedin.com/in/michaelmoyles>

## Technical Skills

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**Languages:** Python, Java, SQL, NoSQL, JavaScript

**Technologies:** MySQL, MongoDB, Spark, Spring, AWS, Django, ReactJS, Git, Docker, Kubernetes, NodeJS, GraphQL, Locust, JUnit

**Certificates:** [AWS Certified Solutions Architect – Associate](#)

## Education

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**MSc in Computer Science** 2022 – 2024

- Studied at University College Dublin
- Achieved a 3.80 GPA (First Class Honours)
- Relevant modules include Distributed Systems, Software Engineering and Big Data Programming

**BA in Business and Economics** 2015 - 2019

- Studied at Trinity College Dublin
- Achieved a 3.80 GPA (First Class Honours)
- Exchange programme to Melbourne, Australia in third year

## Relevant Experience

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**Salesforce** **Dublin**

Business Analyst, Sales Strategy January 2024 – Present

- Building dashboards with SAQL, SQL and Python for use by the CCO office and sales leaders in the EMEA region leveraging Salesforce data lakes
- Analysis of industry sales across the EMEA region to assess the effectiveness of strategic projects and direct their future development

**Enterprise Ireland** **Dublin**

Business Analyst, Horizon Scanning & Strategic Policy May 2021 – September 2022

- Lead on data aggregation and analysis using SQL and Python which informed strategy recommendations and resource deployment to high growth industries
- Development of dashboards using web technologies to present analysis and provide easy access to reports across the 800 person international organisation

**Enterprise Ireland** **Dublin**

Development Executive, Innovation August 2019 – May 2021

- Established the graduate innovation network aimed at strengthening EI's own innovative capabilities
- Development of a digital Innovation Scorecard aligned to ISO56000 on Innovation Management, which was awarded the 2022 NSAI Standards Innovation Award and used with over 100 organisations

## Portfolio Projects

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**QuietQuest** – [GitHub Repo](#), [Demo Video](#)

**Aim:** To assist individuals with sensory sensitivities, such as those with auditory difficulties and autism find walking routes that avoid busy and noisy areas. The primary objective of QuietQuest is to optimise routes based on areas to avoid for this target group rather than prioritising the shortest path in comparison to the majority of routing applications. As a travel companion tool, it is optimised for both desktop and mobile.

**Technologies:** Python, Django, Firebase, OpenRouteService, Auth0, OpenStreetMaps and ReactJS

**Prinsty** – [GitHub Repo](#), [Demo Video](#)

**Aim:** To provide a print-on-demand service that allows users to print images generated by DALL·E on to mugs and t-shirts. It is a microservice-based e-commerce platform that achieves scalability and service management through the use of Docker. The application fosters creativity through prompt based image generation to create unique pieces of art

**Technologies:** Java, Spring, Spring Boot, Docker, MySQL, MongoDB, ReactJS, Auth0 and GraphQL

## Skills and Achievements

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- Experience in Agile methodologies for software development
- Certificate as a Yellow Belt in Lean Six Sigma
- Professional Diploma in Creativity, Innovation and Leadership
- A keen hiker including completing the Wicklow Way and hikes in New Zealand