

Michael Moyles

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

Languages: Python, Java, SQL, JavaScript

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

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

Education

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 First Class Honours
- Exchange programme to Melbourne, Australia in third year

Relevant Experience

Salesforce

Dublin

Business Analyst, Sales Strategy

January 2024 – Present

- Building dashboards for use by the CCO office and sales teams in the EMEA region
- 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 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

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 OpenAI 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, Docker, MySQL, MongoDB, ReactJS, Auth0 and GraphQL

Skills and Achievements

- 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