

# Michael Moyles

<https://michaelmoyles.com> | <https://github.com/MichaelMoyles>  
<https://www.linkedin.com/in/michaelmoyles>

## 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

## Technical Skills

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

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

## Relevant Experience

### Salesforce Dublin

Business Analyst, Sales Strategy January 2024 – Present

- Building dashboards for use by the CCO office and across 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

- Data analysis lead for database creation and data manipulation 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](#)

**Aim:** To assist individuals with sensory sensitivities, such as those with auditory difficulties and autism find walking routes that avoid busy and noisy areas. QuietQuest finds optimal routes based on areas to avoid for this target group rather than prioritising the shortest path in comparison to the majority of routing applications.

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

### Prinsty – [GitHub Repo](#)

**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 Boot, Docker, MySQL, MongoDB, ReactJS, OAuth and GraphQL

## Skills and Achievements

- Experience in Agile methodologies for software development
- Certified Yellow Belt in Lean Six Sigma
- Professional Diploma in Creativity, Innovation and Leadership
- Social Outreach volunteer with the UCD St Vincent de Paul Society
- A keen hiker including completing the Wicklow Way and hikes in New Zealand