

MARGARET HEAVEY

WEB DEVELOPMENT PROFESSIONAL

Transitioning QC professional with a robust scientific background and over 8 years experience in the field and comprehensive software development training. Passionate about leveraging analytical skills and technical expertise to develop innovative web applications. Proven track record of problem-solving, process optimisation, and continuous learning.

PROJECTS

JAMMIN: A SPOTIFY PLAYLIST MANAGER

- Developed full-stack music management application using **ReactJS** and **Spotify OAuth**
- Implemented **secure user authentication** and playlist creation
- Utilised **Spotify API** for real-time music search and playlist management
- Technologies: ReactJS, JavaScript, Spotify API, OAuth

RECIPE FINDER: FULL STACK RECIPE MANAGEMENT APP

- Engineered comprehensive recipe discovery platform with **CRUD** functionality
- Integrated external **recipe database API** with custom user interactions
- Implemented **responsive design** and state management
- Technologies: TypeScript, ReactJS, NodeJS, Prisma, RecipeAPI, ExpressJS

PROFESSIONAL EXPERIENCE

SENIOR QC ANALYST | Regeneron Pharmaceuticals | December 2023 – October 2024

- Developed 2 process improvement initiatives, reducing reporting cycle time by 25%
- Implemented **data analysis techniques** for **product performance tracking**
- Authored critical technical reports ensuring regulatory compliance
- Demonstrated **advanced problem-solving** in technical documentation
- Contributed significantly to developmental projects for **process improvement** and **automation**

QC ANALYST | Regeneron Pharmaceuticals | October 2022 - December 2023

- Managed multiple validation and transfer projects
- **Optimised** product testing database maintenance
- Coordinated cross-functional **stakeholder communications**
- Authored critical technical reports ensuring regulatory compliance

LEAD QC ANALYST | Regeneron Pharmaceuticals | June 2018 - October 2022

- **Led team of 4 professionals**, optimising laboratory operations
- Developed, maintained and reviewed 20+ Standard Operating Procedures, protocols and reports
- Implemented systematic equipment maintenance and calibration tracking processes, **resulting in a 70% increase in workload efficiency**

EDUCATION

· **Higher Diploma in Software Development (NFQ level 8)** | Galway Mayo Institute of Technology, Galway | 2019-2022

· **Postgraduate Diploma in Applied Microbiology (NFQ level 9)** | National University of Ireland, Galway | 2015-2016

· **Master of Science in Ecological Assessment (NFQ level 9)** | University College Cork | 2010-2011

· **Bachelor of Science in Microbiology (NFQ level 8)** | National University of Ireland, Galway | 2004-2009

· **Codecademy Frontend Engineer Course** | Codecademy.com | expected completion December 2025

· **Codecademy Full-Stack Engineer Course** | Codecademy.com | expected completion December 2025

SKILLS

JavaScript
TypeScript
HTML5
CSS3
SQL

REST API

ReactJS
NodeJS
ExpressJS
Prisma

Git
GitHub

Agile Methodologies
Project Management
Team Leadership
Data Analysis
Process Optimization

PORTFOLIO

<https://bit.ly/margaret-heavey-portfolio>

GITHUB

<https://bit.ly/margaret-heavey-projects>

LINKEDIN

<https://bit.ly/margaret-heavey-profile>

CONTACT

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