MARGARET HEAVEY

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Portfolio: https://mheavey2.github.io/margaretheavey

Professional Summary

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.

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

Technical Skills

Languages: JavaScript, TypeScript, HTML5, CSS3, SQL
Frameworks & Libraries: ReactJS, NodeJS, ExpressJS, Prisma
Tools: Git, GitHub, REST APIs, Agile Methodologies

Professional 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, Limerick | 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

Additional Education and Credentials

• **Codecademy Frontend Engineer Course** | Codecademy.com | expected completion October 2025

• **Codecademy Full-Stack Engineer Course** | Codecademy.com | expected completion November 2025