

# MARGARET HEAVEY

## WEB DEVELOPMENT PROFESSIONAL

### 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

mheavey2@gmail.com

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