

# Michael Caffery

## Junior Web Developer

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[linkedin.com/in/mcaffery](https://www.linkedin.com/in/mcaffery)

[mcaffery.github.io](https://mcaffery.github.io) (portfolio)

[github.com/mickcaff](https://github.com/mickcaff)

## About.

My career has consisted of working in technical roles in both the resources and agriculture industries. I most enjoy creating innovative solutions for challenging problems, which has led to a career change into software development.

My work style is centered around teamwork, good communication, and showing initiative. I am self-motivated and able to work well under pressure.

## Education.

### Diploma in IT | 2022

#### Coder Academy

- On track to complete Coder Academy's Standard Full Stack Web Development Bootcamp in November 2022.

### Graduate Diploma in Economics | 2018 - 2019

#### University of New England (External)

### Bachelor of Science in Geology (Hons) | 2008 - 2012

#### University of Queensland

## Skills.

### Full Stack Development

#### Languages

- HTML
- JavaScript
- CSS
- Ruby

#### Application & Data

- React.js
- Rails
- Express.js
- PostgreSQL
- Node.js
- MongoDB
- Tailwind

#### DevOps

- VS Code
- Git & GitHub
- Agile

#### Soft Skills

- Teamwork & collaboration
- Client & customer relations
- Management (time, people & projects)
- Accountability
- Critical thinking & problem solving

## Projects.

### Industry Challenge | Term 3 Assignment | Coder Academy

- Currently in the early stages of completing a team capstone project. The task involves designing and building a full-stack web application for a real-world customer, in order to solve a business problem they face. To be completed by late July 2022.

### FarmPlace | Term 2 Assignment | Coder Academy | <https://github.com/mickcaff/T2A2-Assignmentnet-Marketplace>

- An individual assignment that involved designing, building, and deploying a two-sided marketplace.
- I chose to create an agricultural services marketplace to benefit both farmers and service providers.
- The tech stack features Rails, TailwindCSS, PostgreSQL, Google maps API and deployed on Heroku.

### RecipePro | Term 1 Assignment | Coder Academy | <https://github.com/mickcaff/T1A3-Assignment-CLI-App>

- An individual assignment that required the designing and building of a terminal application using Ruby.
- I chose to build an application to store recipes with the ability to search for ingredients, select recipes and create a shopping list.

### Portfolio Website | Term 1 Assignment | Coder Academy | <https://github.com/mickcaff/T1A2-Assignment-Portfolio>

- Built in week 3 of the Bootcamp, this was an individual assignment that required the design and build of a static HTML/CSS website, which introduced ourselves and could be used as a portfolio.

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## Experience.

### Engineering Geologist / Technician

Core Consultants, Maroochydore, QLD | Jun 2021 - Jan 2022 | 8 mos

- Core Consultants are the Sunshine Coast's largest geotechnical and environmental consultancy.
  - Conducted geotechnical site investigations for residential and commercial developments, highway upgrades, contaminated lands and large infrastructure projects across QLD and NSW.
  - Team lead for Geographic Information Systems (GIS). Experienced in ArcGIS and QGIS to publish detailed maps.
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### Mineral Exploration Geologist / Field Technician

Gilmore Metals, Junee, NSW | Apr 2020 - Jan 2021 | 10 mos

- Worked as part of a small team that conducted copper-gold exploration near Junee, NSW.
  - Coordinated drilling and geophysical crews across intensively farmed land, requiring a high level of landholder engagement.
  - Collected and processed geological information from rock and soil samples, while updating models and databases.
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### Assistant Agronomist

Crop Management Services, Dalby, QLD | Jun 2017 - Feb 2020 | 2 yrs 9 mos

- Assisted in managing my family's agronomy consultancy on the Darling Downs, QLD.
  - Collected field data and provided scientific advice to farmers for the management of broadacre crops (legume, grain and cotton).
  - Advice included, but not limited to, crop rotations, planting requirements, soil moisture & irrigation management, fertiliser programs, weed and insect identification/control, defoliation and harvest timing.
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Schlumberger, Perth, WA | 3 yrs 4 mos

**Oil & Gas Geologist (Geosteering)** | Aug 2014 - May 2016 | 1 yr 10 mos

- Schlumberger is the largest provider of oil and gas services worldwide.
- Worked as part of a small team of geologists who consulted with Perth based oil and gas producers to geosteer and optimally place wellbores within reservoirs, utilising Schlumberger's industry leading drilling technology.
- Led gas well geosteering operations for two major Queensland coal seam gas producers.

**Drilling & Measurements Field Engineer** | Feb 2013 - Oct 2014 | 1 yr 9 mos

- Provided specialist drilling support to oil and gas producers on their offshore drilling rigs, predominantly located off the Northwest Shelf, Western Australia.
  - Responsible for the operation of downhole logging and measurement-while-drilling tools, that relayed in real-time reservoir characterisation and drilling mechanics data.
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## References.

### Walter Mastenbroek

Associate, Senior Geotechnical Engineer  
Core Consultants

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(Direct manager at Core Consultants.)

### John Heavey

Senior Exploration Geologist  
Felix Resources

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(Direct manager at Gilmore Metals.)