

# Patrick McCaffrey

## Front End Developer

[musedivision.github.io](https://musedivision.github.io)

patrickmccaffrey@sited.nz

### TECHNICAL SKILLS

#### JavaScript

- Algorithm scripting, API consumption
- Working knowledge of software design patterns in Javascript, functional programming, and Computer Science Theory
- Strong jQuery experience including jQuery UI
- Let { ES6 } = this.brain
- MV\* framework - React.js
- Unit testing, Jasmine.js
- D3js, data visualisation and interactivity
- Node.js, Express.js, RESTful API design.

#### HTML5 / CSS3

- Strong knowledge of HTML5 and CSS3
- Strong understanding of Responsive design, Bootstrap and MaterialiseCSS
- Templating Engines, Jade(Pug), Handlebars.js
- CSS extension languages, Sass
- Optimisation and cross browser compatibility

#### Build Tools / Workflow / Dev Tools

- Gulp.js / npm scripts, task running
- Webpack & Babel, module loading and transpiling
- Node.js & npm, Package management
- Git, Source control
- Operating Systems: Linux(Mint), Windows
- Bash: Shell scripting
- Chrome devtools, debugger, React chrome extension

### DEVELOPER SKILLS

#### Self-directed learner

I am a strong follower of the Read-Search-Ask approach to coding

#### Agile

I have a knowledge and understanding of agile software development

#### Problem-solver

I have strong analytical and research skills and thrive on a challenge

#### Excellent communicator

I am a confident communicator with excellent written and verbal skills

#### Team-Player

I am able to build functional relationships with all kinds of people

See my portfolio of work @ [musedivision.github.io](https://musedivision.github.io)

## EXPERIENCE

### **Freelance Web Developer — Sited.nz**

June 2016 - PRESENT

I managed the end-end creation of custom and CMS websites for top restaurants in Auckland. This involves managing client expectations and collaborating with designers.

*For portfolio of this work, please see - Sited.nz*

#### **Responsibilities**

- All client communications; requirement gathering and stakeholder management
- Planning and translating business requirements into development
- HTML and CSS website development
- Launched websites in conjunction with marketing campaigns
- Creating documentation for non-technical CMS users

### **Front End Developer — govHack 2016 Team Entry**

I collaborated with a team of six to build a solar power recommendation app in 48hrs. This utilised NIWA government data and user locations to estimate the solar energy potential of a property.

*[github.com/omnidatum/omnidatum.github.io](https://github.com/omnidatum/omnidatum.github.io)*

#### **Responsibilities**

- Led team and delegated work in an agile team
- Assisted in defining product focus
- Created dynamic graphs using D3.js

### **Project Assistant — University of Auckland**

August 2015 - May 2016

I assisted with data collection and entry for the implementation of a large university-wide chemical inventory system.

## REFERENCES

Available on request

## EDUCATION

### **FreeCodeCamp.com — Full Stack Developer Certificate**

FEBRUARY 2016 - PRESENT

### **University of Auckland — Postgraduate Diploma, Applied Behaviour Analysis**

FEBRUARY 2013- NOVEMBER 2013

### **University of Auckland — Bachelor of Science, Psychology**

FEBRUARY 2010 - NOVEMBER 2012