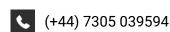
Jayden Richardson

About Me

Motivated Engineering professional from New Zealand based in the UK with a passion for problem solving. I have eager active learning abilities and a history of shaping top of the line projects - negotiating with multiple stakeholders while supporting teams to ensure objectives are met to the highest quality. Trade qualified and experienced developing bespoke electrical & control systems for the world's largest dairy exporter & NZ's largest enterprise.

Currently absorbing myself in Web Development, refactoring my engineering skill set through to HTML, CSS, JavaScript & the MERN tech stack.

Contact Info









Key Skills

Front End:

JavaScript, HTML5, CSS3

Frameworks:

Jest Test Suite, React.js, Sass, Firebase, Bootstrap

Tools:

Git, GitHub, NPM, Webpack, Babel, VSCode, Dev Tools

Platforms:

Linux (Ubuntu), Trello, SimPro, Microsoft Suite

Personal Projects

Blog Application | Live | Repo | React.js, Firebase, Email Auth, Sass, Webpack, NPM

- Developed responsive blogging app with bootstrap & Sass styling, email authentication and user sign-in/ sign-up
- Implemented Firebase for the backend for data storage and handling, together with CRUD functionality within the app
- Include searching and filtering with tags, titles and descriptions to better enable ease of use

Resume Builder | Live | Repo | React.js, CSS, Webpack, NPM, HTML

- Develop a React.js application built with both class & functional components
- Employ the use of useState, useRef hooks for state management with props
- Apply multiple NPM libraries to complement development i.e. uniqid, styledcomponents, react-to-print

Battleship Game | Live | Repo | Jest Test Suite, JavaScript, Sass, Webpack, NPM

- Employ Object Oriented Programming principles to modularize the code
- Incorporate Jest Testing Suite to automate testing while under development
- Implement SOLID design principles, enabling a clear scope of concepts to support code readability

Weather App | <u>Live</u> | <u>Repo</u> | Geolocation API, JavaScript, CSS, HTML

- Apply the use of geolocated weather API to fetch external data and visually display it
- Handle Async JavaScript, Promises, Callbacks, Async/ Await syntax
- Include search input for custom locations, conversion between celsius and fahrenheit

Professional Experience

October 2019 - April 2022

Estimator at Electrical & Automation Solutions, New Zealand

- Engage stakeholders to quote, design and implement industrial process control & electrical infrastructure systems, conforming to strict specifications
- Develop methods and procedures within the proposals for our internal teams to follow, with meticulous level of detail they can interpret under pressure
- Identify areas where we can provide further value to customers, pain points that can be efficiently solved via slight efficient process improvements
- Proactively sourced new methods and technologies from suppliers to further transform our hallmark solutions to be top notch, without cutting on quality
- Build and maintain relationships with clients & stakeholders and communities through fundraising events and meetings

Hobbies & Interests

I enjoy a work life balance spending time with my fiancée, getting out on road bikes adventuring the country.

Love a bit of gaming for its competitiveness and discovery, then to scratch the mental itch I savor learning new development tech.

October 2019 - April 2022

Industrial Electrician at Electrical & Automation Solutions, New Zealand

- Project Manage installations of various control & electrical systems primarily throughout the Dairy Industry while mentoring apprentices and delegating tasks
- Installation of Motors, Instrumentation, Power & Lighting through new upgrades and renovations within facilities
- Undertake calibration of sensitive monitoring equipment, ensuring client engineering codes of practice and legal requirements are met to a high standards
- Thoroughly keep up to date with the Engineering regulations, laws and guidelines from each of our customers

May 2018 - October 2019

Electrical Apprentice at Hennessy Electrical, New Zealand

- Upskill to the industrial electrical pathway from fire engineering, through to also achieving Instrumentation training and certification
- Conduct preventive maintenance plans for Dairy, Manufacturing, Chemical & Geothermal industries, recognize holes for process improvements

January 2013 - May 2018

Fire Systems Engineer at Select Alarms, New Zealand

- Train and mentor apprentices through their studies and technical qualifications while managing multiple projects
- Attend fault call outs and complete preventative maintenance plans
- Complete installation & programming of addressable fire systems installed through commercial and industrial facilities, identifying safety improvements they can implement to reduce risk

References

References available upon request.

Qualifications

April 2022 - Ongoing

Full Stack Web Developer with The Odin Project

 Open source curriculum written by developers, for developers. Teaching you HTML, CSS, JavaScript, MERN stack and everything in between to make full stack applications

August 2015 - November 2021

New Zealand National Engineering Certificates

Industrial Measurement & Control (Theory)

 This training provided me with the knowledge to ensure I know how to effectively install, service, calibrate, commission & fault find a wide range of process instrumentation

Electrical Engineering (Industrial Electrical)

 Certification to operate as a registered electrician, with expertise in Industrial environments and manufacturing facilities dealing with control, process and electrical infrastructure

Industrial Measurement & Control (Theory)

 This qualification provided me with the skills to design, install commission, maintain and service fire detection and alarm systems in accordance with strict NZ building codes and regulations