Jayden Richardson

Contact Info

📞 (+44) 7305 039594

✉️ JayRich.dev@gmail.com

📍 Hartlepool, UK

🌐 www.JayRich.dev

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

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.

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 search filtering functionality, progress states and commenting for authenticated users on blog posts

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, styled-components, 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 | *Live* | *Repo* | *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