

# Kyle Rassweiler

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📁 Portfolio: <https://portfolio.kylerassweiler.ca>

🐙 Github: [www.github.com/rassweiler](https://www.github.com/rassweiler)

## Summary

Engineering Specialist with experience in: software development, networking, programmable logic controllers, robotics, electronics, and machining.

## Skills

Software	Angular, Assembly(PIC), C++, CMake, Django, Git, HTML, JavaScript, MongoDB, Node, PHP, Python, React, Redux
Virtualisation	Docker, Qemu/KVM, XCP-NG
Systems	Arch, Debian, FreeBSD/OpenBSD, Proxmox, Windows
Databases	MongoDB, MySQL, PostgreSQL, SQLite
Hardware	Arduino, Raspberry Pi, Zigbee

## Projects

### React Pagination

(Javascript, CSS, HTML, Node, React)

A Hatchways assesment for React front-end work. The project required the addition of a pagination system for a sample blog site.

Source: <https://github.com/rassweiler/hatchways-react-pagination>

### Random Quote Machine

(Javascript, CSS, HTML, Node, React, Bootstrap)

A FreeCodeCamp project that generates random tweetable quotes using React.

Website: <https://codepen.io/kylerassweiler/pen/rNdJzY0>

### Krello

(Javascript, SCSS, HTML, Node, React, Redux)

A simple Trello clone developed using react and redux with jest and enzyme for testing. Used Javascript, SCSS, and HTML to style the react components.

Website:

<https://portfolio.kylerassweiler.ca/posts/software/node/krello/>

Demo: <https://krello.kylerassweiler.com/>

Source: <https://github.com/rassweiler/krello>

### Kawasaki AS Parser

(Typescript, SCSS, HTML, Node, Electron)

A Kawasaki robot backup parser written in TypeScript for browser or Node. The library also includes TypeScript interfaces for use in new projects.

Website:

<https://portfolio.kylerassweiler.ca/posts/software/node/kawasaki-parser/>

Source: <https://github.com/rassweiler/kawasaki-as-parser>

## Certificates

### Free Code Camp

July 2022

JavaScript Algorithms and Data Structures

<https://www.freecodecamp.org/certification/kylerassweiler/javascript-algorithms-and-data-structures>

Free Code Camp

June 2022

Responsive Web Design

<https://www.freecodecamp.org/certification/kylerrassweiler/responsive-web-design>

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## Experience

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### Engineering Specialist

PLC programming, Robotic Vision (Robeye system), 3D Factory Design, Robot programming, Project Management

2017 – Present

TEMA (Toyota)

### Robotics Technician

PLC programming, Robot programming, SCADA programming.

2014 – 2017

FIO Automotive

### Operational Technician

PLC programming, Robot programming.

2012 – 2014

Abbott Point Of Care

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## Education

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### Electro-Mechanical Engineering Technician

Algonquin College, Ottawa, ON.

2010 – 2012

### Computer Animation

Algonquin College, Ottawa, ON.

2007 – 2010