

PROFILE SUMMARY

Results driven AWS certified software developer with background in programming equipment in the Automation and Engineering field, and 2 years of experience with JavaScript development. Passionate about diving under the hood to get a deeper understanding of bleeding edge technology. I'm fueled by a love for open source projects, a team atmosphere, and unlimited opportunities to contribute and make a difference. In my free time if I'm not helping my friends fix something they broke, you can find me enjoying the outdoors.

TECH SKILLS

React • Gatsby • HTML • CSS • Post CSS • Node.js • Express • Super Agent • JavaScript • GraphQL • TypeScript • Netlify • Mongo • Mongoose • Continuous-Integration / Continuous Deployment • Heroku • AWS • Firebase • GitHub • Serverless • Testing • Jest • TDD • Enzyme • Snapshot-Testing • Agile • Mob Programming • Nodemon • Front-End • Back-End • REST API

CODING [JavaScript]

Code for PDX || [GitHub](#) Summary

This is an active project in conjunction with the Multnomah County Public Defender's office to automate the expungement of qualifying criminal records. My role includes communicating with RESTful API's and creating TypeScript enforced React components to manipulate or render data while utilizing Redux for state management. To assist in the continuous integration process I create pull requests and review code. Finally, I communicate with teams working on various parts of the stack in order to make sure that my solutions will integrate seamlessly with the rest of the project and that they are easily understood by other developers.

Studio Taimela || [GitHub](#) | [Live-Site](#) Summary

Collaborated with Studio Taimela to create their business website from supplied wireframes, while focusing on SEO, performance, and utilizing new technology. This project was built on the React framework and implements React hooks. It was imperative that the website was designed with mobile first in mind and that it caters to all devices. To implement continuous deployment, the website is hosted on Netlify, and source code is on GitHub.

JobTographer || [GitHub](#) | [Live-Site](#) Summary

Full-stack app geared towards record keeping of job applications. Front-end was built on React and back-end was built on Node.js. My duties included creating a RESTful API server using Express and Mongo, implementing user authentication/authorization with Auth-O, and assisting the front-end team to connect to the back-end. All code in this project was developed using Agile project management.

Alchemy Cheat Cheats || [GitHub](#) Summary

A full-stack application geared towards developers that allows them to share and browse knowledge. Built with Node.js, Express, MongoDB, Mongoose, and the user interface is powered by Inquirer. This project was built within an Agile environment and utilized mob programming. Most of my contributions in this project were setting up routes in the back-end, setting up the database, and working with the team to learn how to use inquirer in the console for the user interface.

CAREER HIGHLIGHTS

Programmer / Design Engineer @ Allied Systems (2016-2019)

I was hired to design, troubleshoot, program, and test marine equipment, and in order to fulfill this task it was essential to collaborate with marketing, manufacturing, and engineering teams to ensure that my designs would meet everyone's complex needs. This included coming up with innovative designs that would lead to cost savings in order for Allied Systems to maintain a competitive edge on the market, and demonstrating the functionality of Allied's equipment to end users such as NOAA, NAVY, and 3rd party testing agencies.

Programmer / Branch Manager / Design Engineer / Remote Project Advisor @ Guardian Industries (2011-2016)

In addition to serving as branch manager and training engineers and operators on new technology, I also developed and programmed Guardian's proprietary technology, manufacturing processes, and production equipment. As a lead engineer I was responsible for research and development of prototype technology, and incorporating the new technology to the manufacturing equipment in a scalable way that did not compromise the quality of end product. In order for operators to interact with the equipment, I programmed UX/UI touch screens and developed a quality assurance program to validate the finished product. When Guardian relocated their offices, I stayed on as a remote advisor and assisted in the development and troubleshooting of their next generation of manufacturing equipment.

RELATED EDUCATION

University of Pittsburgh Bachelor of Science in Mechanical Engineering | Minor in Mathematics

Alchemy Code Lab Full Stack JavaScript Development

AWS Certified Developer Associate