Dustin Firebaugh

Software Developer

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SKILLS

Proficient with: Javascript; React; Node.js; ExpressJS; Docker; MongoDB; HTML; CSS; Bootstrap
Familiar with: D3js; Go; AngularJS; Angular; Python

EXPERIENCE

MAXX Potential - Senior Apprentice Developer

June 2018 - PRESENT

Code Signing Service
- Built a testing framework to test the implementation of our Linux signing client against our service
  - Ran commands inside a Docker image to test end to end implementation
  - This gave us a stronger degree of confidence that our code maintained functionality across iterations.
- Automated process to compile, package, and test our Linux client's source into installable linux packages (e.g. rpm & deb)
- Extended open source Windows client (C#) for use with our Code Signing Service
- Wrote functions in line with PKCS11 standard for our linux client (written in GO)

Threat Modeling Application
- Modernized Angularjs application to use better build tools -- streamlined build process with webpack
- Converted application to use organizations standard single sign-on authentication
- Refactored code to be more maintainable
- Established and implemented plan to re-platform the app to ensure a long well supported life
  - Found a way to mount React components inside of Angularjs
  - Replatformed to React on component at a time.
- Replaced JointJS drawing library with mxGraph
  - JointJS had many features behind a paywall (e.g. undo/redo, multiselect, custom shapes, tooltips)
  - Replacing JointJS in favor of mxGraph allowed us to focus on features that added value to the product

React.js Web Application Dashboard
- Built responsive frontend using Material UI to match mockups and prototypes that were provided by the client
- Created forms with input validation
- Developed highly reusable Higher Order Components to compose new components together as needed
  - Building the HOCs (Higher Order Components) allowed me to compose new components with reused behavior
    - Authorization and privileged components that only certain users could see
    - Components with similar animation behavior

Content Migration from Episerver to Sitefinity
- Gained proficiency with Sitefinity Content Management System
- Mirrored style of original site using Bootstrap classes
- Simplified CSS by using the Bootstrap framework
- Implemented Javascript for feature adds e.g. dynamically adding content, performing URL encoded AJAX requests

Dustin Firebaugh - Technology Consultant

October 2016 - PRESENT

I build, configure and modify web solutions with the primary goal of helping my clients' business succeed.

Sklar Technology Partners — Sr. Systems Engineer

November 2014 - February 2017

Configured server and network infrastructure; Managed and maintained systems (e.g. Linux Server, Microsoft Server, Cisco ASA Firewall)

Allied International Credit — IT Systems Administrator

December 2011 - October 2014

Systems Administrator; Maintained Servers and Desktops