

Daniel Labrie

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Technical Skills

Proficient: JavaScript, AngularJS, Node.js, MongoDB/Mongoose, Express, Git, HTML/CSS, SASS, Jasmine
Intermediate: ES6, React/Flux, D3.js, Mocha/Chai, SVG Animation, SQL, Ruby, OAuth, Websockets, Gulp, Matlab
Novice: Python, ThreeJS, WebGL, Redux, GSAP, C++, Cordova/Ionic

Technical Projects

Noto - Full Stack Developer

<http://www.danlabrie.com/projects/noto>

- Web app & chrome extension for creating fully customizable, persistent sticky notes on any web page. Provides the ability to record & replay browser events & allows for real-time collaboration.
- Built a system in Node to associate active sessions with user websockets. Users are automatically joined to a different room for each team they are a member of. Notes posted or amended by teammates are then re-rendered in real time using Angular on the front-end.
- Built an action-recording system on the front-end which instantiates event listeners for browser actions. Clicks, mouse movement, and key presses are then associated with a note and can be replayed by teammates for the easy re-creation of features or bugs.
- Key Technologies: Angular, Node/Express, Websockets, MongoDB, JQuery, Chrome Extensions

Code-E - Sole Full Stack Developer

<http://www.danlabrie.com/projects/code-E>

- Chrome extension allowing users to search developer docs & manipulate Chrome with their voice.
- Implemented an Angular based UI for 2-way data bound, real-time, responsive configuration.
- Key Technologies: Angular, JQuery, Chrome Extensions, Web Speech API, Cheerio, Request.

No-Wait Hardware Project - Hacker

<http://www.danlabrie.com/projects/Nowait>

- Won "Best Campus Improvement" during Fullstack Academy's one day Tessel hackathon.
- Programmed a Tessel (similar to an Arduino) to manipulate a servo. Published an NPM module that remotely activates servo arm in order to call the elevator from command line.
- Key Technologies: Node / Express, Tessel, Command Line Interface, NPM

Experience

Freelance Web Development - Full Stack Developer

Kingston, WA

2015 - Current

- Leveraging Angular, React & Node to create elegant, mobile-ready, reactive sites & web apps for clients

Gravitec Systems inc. - Engineering Tech - Hardware Testing

Poulsbo, WA

2014 - 2015

- Created a feedback loop system that resulted in smoother load/time output for product testing.
- Maintained ISO 17025 A-class accredited testing lab & assisted in audit / recertification.

Cascade Prosthetics & Orthotics Inc. - CAD Engineer

Bellingham, WA

2012 - 2014

- Worked with doctors to custom design and 3D model hundreds of prosthetics & orthotics for patients.
- Reduced 3D modification runtime by 25% by implementing a database to import best-fit matches.

Education

Fullstack Academy of Code

2015 - 2015

- Immersive Software Development program - deep focus on Javascript, AngularJS, Node.js.

Western Washington University - BSc: Physics

2008 - 2012