

Jason Robitaille

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SUMMARY

Software engineer with a passion for developing scalable web applications and working across the fullstack, with a particular fondness for frontend integrations. With nearly 10 years experience in embedded web systems and browser environments, I am proficient in many platforms and tools, focused on delivering value through quality maintainable software. The web is a constantly shifting landscape and I'm always eager to learn new things. I love what I do and I love sharing it with others.

SKILLS

Multi-platform Webapps
NodeJs

React
NestJs

Typescript
Git

EXPERIENCE

Staff Software Engineer - LG Electronics, Santa Clara, CA

2020-02-28 - present

- Currently architecting frontend ReactJS interfaces and NodeJS backends for new emerging technology systems.
- Improved SVLSimulator platform with fullstack updates as it pushed toward a public launch, including the facilitation of an inter-user private entity sharing system.
- Launched a public-facing website for SVLSimulator highlighting product features and community announcements.

Software Engineer - LG Electronics, Santa Clara, CA

2015-06-30 - 2020-02-28

- Improved the Enact javascript framework based on ReactJS and used within multiple LG embedded systems ranging from smart TVs to smartwatches.
- Architected critical webapp build systems compatible with emerging community standards, with active support for internal and opensource developers.
- Managed framework automated build systems, including Jenkins testing continuous integration tasks.

Software Engineering Contractor - LG Electronics, Remote

2013-05-31 - 2015-04-30

- Creation and management of webOS specific javascript and Enyo-enhanced APIs to interact with native platform components.
- Formation of a webOS port for Cordova cross-platform webapp tool/library
- Incorporation of emerging technologies into Enyo webapp framework usage (grunt, yeoman, bower, etc.)

Software Engineer Intern - HP webOS GBU, Sunnyvale, CA

2012-05-31 - 2012-08-31

- Hands-on learning of practical business skills within an organized international setting.

- Designed, implemented, and debugged interactive UI component controls for cross-platform Enyo deployment.
- Participated in multiple developer conventions, evangelizing Enyo and cross-platform webapp development.

Software Developer - Self-Employed, Winnipeg, Manitoba, Canada

2009-12-31 - 2012-05-31

- Developed several high profile webOS community projects as a way to put myself through university.
- Reverse engineered webOS novacom USB protocol to create the first cross-platform homebrew application installer.
- Engineered and marketed multiple webOS HTML/javascript/CSS apps, including the first webOS file manager.

Writer and Technical Consultant - SmartPhone Experts, Remote

2009-02-28 - 2012-05-31

- Contributed articles towards WebOSNation, the top viewed news website dedicated to the webOS community, covering news, events, reviews, and technical speculation.
- On-demand technical consultation of upcoming coverage items from an informed developer perspective.

EDUCATION

University of Manitoba

Bachelor's Degree | Computer Science

LANGUAGES

English

Native Speaker