

Paul Cousineau

Developer, Programmer, Engineer

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Overview

I am an expert front end developer with a proven track record delivering user facing SAAS web applications, mobile interfaces and embedded products.

My most recent project utilizes Angular with material design and integrates visualization libraries (d3), security components and a high performance web API.

In addition to web applications development, I have skills with hardware design, embedded systems and product development and I am well versed in standard engineering practices: QA, Code Control, Documentation, Agile/Scrum.

I foster excellent relationships with customers, QA and Product teams, contributing to both product direction and quality, while consistently learning and researching the most current methods, languages and standards.

I write clean, human readable code and clear concise documentation.

Skills & Technologies

Web application development:

Angular, Javascript / jQuery, Karma, Jasmine, HTML5, bootstrap, css, saas, less, PHP, Action Script, D3, web canvas, Kendo, JSON/XML, SOX compliance, A/V player development

Integration:

yeoman, gulp, grunt, npm, bower, jenkins, visualization packages (d3, nvD3, Kendo), nodeJS, ckEditor, security libraries, Postman, localization

Skills:

UI design, UX, applications architecture, C, C++, assembly, Micro controllers (Atmel, PIC, Arduino), embedded linux, robotics (motor/servo control), sensor integration (i.e. D/A, A/D), SPI, Serial, Networking, hardware debugging (i.e. Logic Analysis, Oscilloscope)

Methodologies:

Experience in Agile/Scrum, test driven and rapid iteration environments. Comfortable with various code control systems. (GIT, CVS) Skilled with support software (Visio, Adobe Suite, Office etc.)

Experience

Agilone

Lead Front End Developer

Developed customer facing SAAS marketing application

Architect stack and structure for complex Angular Material web applications

Integrate third party components for ui, security and visualization (D3)

Resolve tickets with legacy code base during upgrade cycle

Build team of front end developers, and mentor junior developers

Full Time

Mar 2015 - **CURRENT**

Badgeville**Full Time****Lead Front End Developer**

Mar 2014 - Mar 2015

Developed web applications for SAAS gamification platform
Migrated legacy code from PHP stack to Angular with bootstrap
Integrated Kendo chart library for analytic modules
Developed complex user facing control panel components
Mentored junior team members

Xanacare Technologies**Contract****Simulcare II: Mobile Controlled Therapy Device****Jun 2013- Jan 2015**

Hardware prototyping, embedded development, responsive web design

IBYSYS**Contract****Beerlog: Keg Flow and Status Monitoring****Mar 2013- July 2014**

Embedded linux development, hardware debugging and design, industrial control, responsive web design

Adrenaline Garage**Contract****Graphics Generation for Live Sports Broadcast****Jan 2013-Apr 2013**

Developed web applications to interface with real time data for internet video broadcast

Roomlinx**Full Time****Lead Developer****September 2007-December 2012**

Developed internet TV application for hospitality vertical.

Past History**FitnessNets:** Kiosk Development**SpectraLogic:** Developed embedded code to support SNMP in tape libraries**Carrier Access:** Developed real time code in vxWorks for voIP network devices**Avid Technologies:** Embedded engineering on video pipeline hardware and software.**Education**

Worcester Polytechnic Institute, 1991-1995 for BS Computer Science

Hobbies and Interests

Electronic Musician and Producer, Inventor

References

Available upon request.