Paul Cousineau

Developer, Programmer, Engineer

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Overview

- Expert front end developer with proven track record delivering user facing SAS web applications, mobile interfaces and embedded products.
- Most recent project utilizes Angular with material design and integrates visualization libraries (d3), security components and a high performance web API.
- End to end technologist with skills from hardware design, through embedded development and product design.
- Well versed in standard engineering practices: QA, Code Control, Documentation, Agile/Scrum.
- I write clean, human readable code and clear concise documentation.
- Excellent relationship with QA and Product teams, contributing to both product direction and quality.
- Consistently learning and researching the most current methods, languages and standards.

Skills & Technologies

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

Integration:
yeoman, gulp, grunt, npm, bower, visualization packages (d3, nvd3, Kendo), nodeJS, ckEditor, security libraries, Postman,

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	**Full Time**
Lead Front End Developer	Mar 2015 - **CURRENT**

Developed customer facing SAS 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

Badgeville   **Full Time**
Lead Front End Developer   Mar 2014 - Mar 2015
Developed web applications for SAS 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.