Justin Vallelonga

Software Engineer

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Personal Summary

Justin is a hard worker with strong problem solving skills. He is creative and very detail oriented. Justin has been in the software industry full time for eight years, but has been developing software for over 10. He has a natural ability for intuitive user interface design, and he is familiar with a wide range of technologies.

Skills

Proficient in Elixir, Ruby, JavaScript, Python, PHP, Java, C++, HTML, CSS, C#, and VB.

Experienced in Linux, Mac, and Windows environments.

Familiar with development methodologies such as Scrum and Kanban.

Experience

Roster / Senior Software Engineer

July 2017 - April 2018, Louisville, CO

Development on a very small back-end team using the Phoenix web framework for Elixir. Built authentication system using Guardian, set up JSON API for endpoint standardization, and helped with product direction. Worked with DevOps to help with deployment workflow. Followed Agile methodology, and used TDD to keep our test coverage high.

SpotX / Software Engineer

April 2017 - July 2017, Boulder, CO

Full stack development in Agile environment using AngularJS and PHP. This mainly involved bug fixes for a large legacy PHP system backing a customer facing ad management tool.

Gloo / Software Engineer

March 2014 - April 2017, Boulder, CO

Development on Agile based back-end team using Ruby on Rails. Extended and maintained the notifications system within the platform. Added OAuth consumer and provider functionality for the authentication/authorization system. Full stack development of analytics tool for viewing usage metrics on the platform; written with Polymer, Node.js, and Postgres. Worked with QA to test before each release.

Mercury Payment Systems / Software Engineer

November 2011 - March 2014, Durango, CO

Developed/maintained C# based payment front-end which involved extensive low-level system troubleshooting. Developed asynchronous, end-to-end test framework and several other utilities using Node.js. Created an highly configurable website for monitoring call queues which was used in their call center. Also created an administration panel website for managing the "Stand-In" behavior of the payment front-ends.

Mercury Payment Systems / Quality Assurance Engineer

April 2010 - November 2011, Durango, CO

Manual and automated testing of web based and desktop payment software. Developed keyword/data/modularity driven QTP automation framework and various utility programs with C#.

Education

Fort Lewis College / Bachelor of Arts CSIS

August 2006 - May 2010, Durango, CO

Projects

Subscription based notification system in rails using ASN (ActiveSupport Notifications)

Oauth provider and consumer functionality

Deep-linking functionality for multi-app system

Analytics system front-end/back-end with custom query interface in Node.js and Polymer

Plugins for processing framework in Java for extracting transaction files

End-to-end parallelized framework for payment transaction testing based in Node.js

Python based weather display for Raspberry Pi with message queueing via google talk

Modular automation framework for QTP (QuickTest Professional)

Business directory database and corresponding administrative website

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Interests

Rock climbing

Running

Hobbyist electronics