Will S. Laurance

CONTACT
INFORMATION
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EDUCATION

The College of William and Mary, Williamsburg, Virginia, USA

Bachelors of Science in Computer Science   **August 2008 – Dec 2012**

PROFESSIONAL
EXPERIENCE

Mission Focus LLC, Alexandria, Virginia, USA

Data Space Engineer   **March 2013 – present**

Writing backend RESTful APIs in Clojure and front end JSON consumers apps using Ember.js

WSoft LLC, Williamsburg, Virginia, USA

CPR - Chief Pirate Robot   **October 2012 – present**

Software company specializing in web and mobile apps and a passion for creating RESTful API's using Node.js and distributed datastores.

Solertium Corporation, Williamsburg, Virginia, USA

Contract Software Developer   **December 2010 – October 2012**

I assisted Solertium Corporation on the Android and iOS version of Five Guys mobile ordering applications. Experience earned with customer satisfaction in relation to software.

PROGRAMMING

Development Environment

- Experience with Debian based linux OSs.
- Command line nerd with zsh, bash.
- *nix in general

Programming Languages and Technologies

Experience with:
- C/C++, Node.js JavaScript, Ruby
- HTML, Jade, Slim, JavaScript, JQuery, CSS, Stylus, MySQL, PostgreSQL.
- nosql Riak, Redis, couch, Mongo
- XML, JSON, LaTeX
- See more in Project Specifics

Team Technology

- Experience with Git versioning system.
- No experience with CVS or SVN
- Software ticketing and issue tracking via Assembla.com, GitHub issues, Rally
- Gerrit Code Review with Git. (Used by the GWT team)
- GitHub for open-source and private projects
- Scrum believer

Platform Technology

- Deploying to Heroku, nodejitsu
- AWS, specifically EC2 S3 Route 53
- Digital Ocean VPS

Outside of my profession I enjoy:

- Gardening
- Motocross
- Reading
- Sleeping
- Cooking

Alison Heittman
Chief Executive Officer
Solertium Corporation
Williamsburg, Virginia, USA
phone: *available on request*
e-mail: *available on request*

Rob Heittman
Chief Technology Officer
Solertium Corporation
Williamsburg, Virginia, USA
phone: *available on request*
e-mail: *available on request*

Five Guys Online Ordering Android App

I worked with Rob and Alison Heittman and Carl Scott from Solertium to develop this app. We worked with another corporation, OLO (Online Ordering), whom provided a suburb api to handle menu information, basket objects, secure transactions, and the payment details. My role was to create the user experience on the Android platform using the OLO api, a custom built interface to the OLO api, and anything else necessary. Since the initial release we have released one update that allows the user to manage more account settings from the app, modify items from the checkout basket, and a forgot password feature.

- Primary Languages, Java, XML, (more recently JSON)
- Platform - Google Apis 2.1 level 7
- Extras - Flurry ~~and Zendesk~~ jars and Appygram for analytics and feedback.

In recent updates we have integrated the app with Socialize to give the apps a social aspect. Now you can <u>Like</u> your favorite store and let your facebook friends know.

OLO White Box Platform

Solertium, I and OLO develop the OLO White Box Platform that allows restaurants to produce custom ordering apps for Android and iOS in a short time frame. With the use of Appcelerator's Titanium mobile sdk, we are able to use the same code base for Android and iOS devices. We write the code in CoffeeScript and output JavaScript. Titanium handles it from there to produce the native code or pass the JS to a JS interpreter such as V8.

CCB Osprey Watch

This is a Rails app underneath with content and assets received from an existing Wordpress site. The Rails back end is responsible for tracking nests and users.

Glog

Glog is an open-source node.js express git based blogging system. I have contributed to the plugin aspect of the system as well as authoring a few plugins. gurl - url customizer. node-ditaa - ditaa text to img creator.

Mobile Apps

Most of the mobile apps I produce use Appcelerators' Titanium framework. I write code for these projects using CoffeeScript which compiles to JavaScript. With a mixture of Titanium and node.js, I use the mocha testing framework to build unit tests. I contribute to open source tools which allow the user to simulate the Titanium environment, mockti. I write packages such as imgcheck and imagesort, that check and sort loading screen images based on their dimensions in Titanium projects. By using node.js and npm, these tools are supported on *nix systems and for the most part Windows.

Titanium Modules

Appygram.com Titanium Module A simple wrapper around the Titanium HTTP Client with examples of how to make a feedback form in a Titanium App.

Nodoroid

Nodoroid is a node.js documention and npm package viewer. It uses the Titanium framework and is currently only available for Android. It is only on v0.0.4 so there are many improvements and features to come. Checkout it out on the play store.

Node Sites

http://www.wlaurance.com is my personal blog written on the Glog platform. The underlying application framework is express.js.

http://www.riakriver.com is a cloud based hosting service for Riak, the best distributed database around. This is a current work in progress from WSoft LLC. The idea is to provide simple cluster and node creating using nodejs to build the infrastructure.

Node Modules

https://github.com/wlaurance/src Simple Redis Cache

https://github.com/wlaurance/appygram-node Appygram.com Node Connector

https://github.com/wlaurance/riakvm A Riak Version Manager

https://github.com/wlaurance Checkout more of my repos!

Last update: Tue Jul 02 2013 21:04:55 GMT-0400 (EDT)