

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

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 – present

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

Blue Talon Bistro, Williamsburg, Virginia, USA

Contract Software Developer I created and maintain the Blue Talon's Android and iOS apps. I help maintain bluetalonbistro.com and use the website to create a dynamic experience in the mobile apps.

PROGRAMMING

Development Environment

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

Programming Languages

Experience with:

- Java, C/C++, Node.js, Express.js, Rails
- PHP, 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 etc.
- Gerrit Code Review with Git. (Used by the GWT team)
- GitHub for open-source and private projects

Platform Technology

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

HOBBIES

Outside of my profession I enjoy:

- Gardening
- Motocross
- Reading
- Sleeping
- Cooking

REFERENCES

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*

PROJECT SPECIFICS

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 Like 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 Appcelerator's 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

I have experience writing native Titanium modules in Android and using modules in both iOS and Android. Some include SPen SDK, Amazon In App Purchasing connectors.

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 v0.0.3 so there are many improvements and features to come. Checkout it out on the play store.

Node.js Projects

America Depressed - A fake banking project my partner and I wrote for a database class. I wrote the back end api that interacted with Postgres using coffee-script to write the REST api. Tempus - A time tracking app in the works. It is an express based app that uses Riak as its data store.

a Riak cli for zen minds. WIP

Simple Redis Cache

Checkout more of my repos!

Last update: 2013-03-17T18:01:32.233Z