William R. Watson

HOME
1302 Scarlet Oak Loop
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Profile

An educated, self-motivated, self-directed developer with extensive business, development, and leadership experience who loves getting a taste of new skills while consistently honing older skills.

Experience

ENGINEER, KORRELATE; ORLANDO, FL - 2011-PRESENT

I am being set up for a **team lead position** while waiting for developers to be hired. In the meanwhile, I am taking an increasingly more active **leadership** role by clearing roadblocks for all team members and participating in **code review** using **phabricator**. In addition, I converse with the lead programmer daily about new plans with the software and I converse with the director about new plans with the business. My primary role is still to develop our applications using **Ruby on Rails, JRuby** on **Twitter Storm**, or **Resque** jobs. Our applications are backed by **Greenplum**, **Postgres**, **MongoDB**, and **Redis** databases and we have plans to implement a **Hadoop cluster** for better **real-time analytics**. We use **Scrum** and I have experience working directly with our project management team to develop new stories. At Korrelate, I have used many **open-source** projects, submitted a few **pull requests** on **Github,** spoken at **Barcamp Orlando**, and I have plans to attend and speak at **RubyConf 2013** in Miami.

WEB APPLICATION DEVELOPER, MARKETLEVERAGE; LAKE MARY, FL - 2009-2011

I was on the two-person development team that completely redesigned ML's multi-million-dollar enterprise mailing platform using **OO Perl** with **MySQL** as a database and using **ExtJS** and **AJAX** for a front-end. We used **whiteboard** planning sessions and a **scrum**-based methodology to accomplish our goals. In addition, our software runs on **20 to 50 CentOS 5.4** servers that I was responsible for maintaining every day while still accomplishing my development goals. Furthermore, I singlehandedly created revenue-tracking software that collects and reports revenue information using **CF8, MySQL** and **ExtJS**. We use **SVN** for version control and **Redmine** for project management.

INFORMATION SYSTEMS DEVELOPER, ROTECH HEALTHCARE; WINTER PARK, FL - 2007-2010

After leaving full time, I developed software on contract using **J2EE** with **Spring MVC** and **Oracle SQL 10g, ExtJS** with **AJAX** on **WebSphere 6.1** servers on **AIX**. Formerly, I was the sole / leading developer on multiple projects that made Rotech a **paperless** company. The most lucrative of which, eForms, was estimated to have **$5 million** worth of cost and efficiency savings. In addition, I created a one-off application in **Ruby on Rails** to scrape data using **Hpricot** into an **Oracle** database from an internal webpage. While working full-time for the company, I also developed many extensions to Java, ExtJS, and JavaScript that are still in-use today.

INFORMATION TECHNOLOGY DEVELOPER, GREAT INSURANCE JOBS; ORLANDO, FL - 2007-2008

At the time of my employment, the company was migrating its 2 main jobs sites from old **ASP** to **Ruby on Rails**. Apart from my direct assistance with the migration, I was the go-to guy for everything unrelated such as site maintenance, numerous new small features and bug fixes, company image tweaking using **Photoshop** and uploading, newsletter management, career fair launching, computer maintenance, etc. The sites used **MS SQL Server** and minimal amounts of **Ajaxian JavaScript**.

WEB DEVELOPER EXTERN, BILLBOARD.NET; GROVELAND, FL - 2006-2007

We created a fully-independent, self-deploying portlet environment using **PL/SQL** and **ajaxian JavaScript** with custom libraries and **Prototype.** Also, I designed portlets for use in other, less-custom environments like **Oracle Portal** using **JSR 168.**

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FREELANCE WORK; 2006-CURRENT

I have successfully executed four contracts for the creation of complex web applications using **Ruby on Rails**, **J2EE**, **Groovy / Grails, ExtJS,** and **SQL** (various). Furthermore, I have dabbled in **iPhone** development using Objective-C, recreating Tetris with **HTML5 / CSS3**, and many other projects for fun so that I can keep up with new technologies. In addition, I have worked on engineering projects using **Atmel** boards, and I helped create a full-fledged home automation system while still in school.

Education

University of Central Florida, Orlando, FL - Bachelor of Science in Engineering, 2009; 3.2 GPA
Orange Park High School, Orange Park, FL - Diploma, 2003, 4.6 / 3.9 GPA, 31 ACT, 1330 SAT

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Skills

Software

Ruby -	Ruby on Rails, JRuby
Java -	J2EE, Spring MVC, Groovy / Grails
JavaScript -	AJAX, Bootstrap JS, BackboneJS, ExtJS with custom extensions and plugins
C -	C / C++ with STL on Atmel and Motorola chipsets and in Windows, Objective-C
SQL -	Greenplu, PostgreSQL, Oracle SQL, PL / SQL, MySQL, MS SQL Server
HTML -	XHTML, HTML 5, CSS2, CSS3
OS -	UNIX, Mac OS X, CentOS, AIX, Windows, Assembly (68HC11)

Third-party

IDE -	Sublime Text 2, TextMate
Planning -	OmniGraffle, Visio
Other -	Photoshop CS5, Git, SVN, Google Docs, Microsoft Office, Phabricator

Hardware

Home automation, digital and analog circuitry, building and upgrading equipment

Other Experience

BIG BROTHER IN BIG BROTHERS, BIG SISTERS OF CENTRAL FLORIDA; 2007-CURRENT

I have been a Big Brother to Zack for a long time and I feel like I'm making a huge difference in his life. We hang out six to ten hours a month and to me, it's worth every hour.

WIRELESS EXPERT, WIRELESS ADVOCATES, LLC; ALTAMONTE SPRINGS, FL - 2005-2006

I was consistently **top 10** in sales in all of Central Florida and considered an expert on the technology behind cell phones.

CERTIFIED SALES REP, WIRELESS RETAIL, INC; JACKSONVILLE & ORLANDO, FL - 2003-2005

I was consistently **top 5** in sales in North Florida even though I was in school full time. In addition, after only 3 months, I was offered a **management** position, but had to decline since I wanted to focus on school.

SUPERVISOR, AMERICAN MULTI-CINEMA, INC; JACKSONVILLE, FL - 2002-2003

Responsible for floor mangement, accounting, and scheduling.

LEADERSHIP TRAINING; JACKSONVILLE, FL - 2001-2003

Invited to numerous leadership **conferences** and took three years of weekly leadership **classes**. In addition, I was **Vice President of the Future Business Leaders of America** for one year.

Referrals & Work Samples

Please ask