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February 2016 – April 2016

Case Commons

Ruby on Rails Developer – Ruby, Rails4, TDD, Rspec, ActiveRecord, Pivotal Tracker

Worked on Casebook which is an Rails application that allows social workers to track their cases for the Indiana department of children's services. Worked on Feature tests as well as unit tests.

July 2014 – January 2016

Knoa Software

Software Engineer – Java, Wicket, TestNG, JUnit, Mockito, Spring, Hibernate, Services, MSSql, Oracle, Wicket

Charts/High Charts, Maven, Freemarker Templates, Agile, Scrum, Jira, Jenkins.

Worked on enhancements and features to the console portion of a system monitors the user activity of SAP and Siebel software. The console configures and provides information about the knoa server and agents. Worked on agile team with weekly dev sync and scrum. The console is a Java/Wicket web application that can work with both Mssql as well as Oracle. As well as writing new features for this system, I also wrote unit tests that use the Mockito framework.

- Added graphing (using wicked charts) to support our Dictionary Mapping pages.
- Pre-cached queries that populated the charts to speed up page load times.

August 2012 – July 2014

New York Public Library

Application Developer – Ruby2, Ruby on Rails4, Agile Methodologies, BDD, Cucumber, Git, Solr, Fedora, github, Jenkins Amazon EC2, heroku, rvm, Java6 and 7, hibernate, spring, foreman

- Worked on NYPL's public API. The API is a rails app that can access all public data from the Library's digital repository.
- Worked on TMSIngestor which is a Java 7 job that pulls in data into our Metadata management system from other sources.
- Wrote ruby scripts to ingest data to the Metadata management system.
- Worked on the Digital Collections site which is a rails application that allows you to search the library's vast digital repository.
- Worked on agile team with daily standup and scrum.

March 2008 – August 2012

School of Visual Arts

Webdeveloper/Webmaster – J2EE/JDBC, Ruby on Rails, Apache, Tomcat, PHP4, PHP5, Wordpress, Subversion, MySQL, PostgreSQL, hibernate, Tapestry, XML, XSLT, Linux, Unix

- Created Rails 3/AJAX app to query our employee database for faculty members and return ID information.
- Worked on a Rails 3 app to query our highly confidential student database in the event of an emergency. App is to be deployed on iphones/androids by select members of the Crisis Committee. App uses TinyTDS and FreeTDS to connect to a MSSQL database. Front end of app is jquery mobile.
- Maintain and enhanced various Java/J2EE(JDBC) Systems. These include a 1) Vacation request System, used by staff to request time off. 2) Faculty Forms System, used by faculty and staff to process and approve faculty, course and schedule changes. 3) Continuing Ed course finder, which lets prospective students find the course they are looking for. The course finder is a built using Hibernate and Tapestry.
- Created JSP shopping cart to improve the Continuing Education registration process.

February 2007 – March 2008

Prudential Financial

Developer – Java, J2EE, Blaze, Oracle, Sybase, Unix

- Created Blaze Rules to process financial feeds for the organization. Wrote java beans to read the data entities used to process the feeds. Feeds create records in an Oracle table which is imported into Oracle Financials.
- Created tables for our FTMS system in both Sybase and Oracle. FTMS is a system that provides a way for users to enter and maintain data in tables. The tables are maintained on the Sybase side and then imported into Oracle. Wrote Sybase and Oracle scripts to create tables and define their properties. Wrote Sybase triggers for the Oracle import.
- Created SQL statements and PL-SQL stored procedures to used in various ITG for or workflow validations.

June 2006 – February 2007

TBWA/Chiat Day

PHP Developer – PHP4, Ajax, XML, Mac OSX

- Created generic AJAX employee information web page for company intranet. Web page does AJAX call to dynamically create XML with employee information.
- Maintain Print Media system. This is a PHP/MySQL/Smarty system used to generate ads that will appear in regional and national newspapers. All PHP projects were developed using ZEND.

October 2005 – April 2006

Broadview Networks

Java Developer – Java, JDBC, Swing

- Designed and Implemented production fixes and major enhancements to Broadview Networks Provisioning Utilities. Provisioning Utilities are used to bring new phone customers on to Broadview Networks Switches.
- Created CNAM transaction using Java/Swing to update Verisign Calling Name database.
- Created Java modules for the Gateway to create the outgoing message sent to Verisign as well as the incoming response. The Gateway is a Java/Swing based system that processes all transactions and their responses.
- Modified E911 utilities system to handle Rhode Island Error responses. This system updates the Bell Atlantic E911 database. My role was to automate the handling of Rhode Island E911 Errors.

February 2005– July 2005

DoubleClick

Quality Assurance Engineer – Unix, Perl

- Memory Server/Ad Server multicast Optimization project. Verified that jump (clickthrough) information could be passed by Memory Server as well as the Ad Server. Helped reduce load on the Ad Server.
- User Information Server Multiple Ad Family project. Verified that UIS which provides targeting and user data to the Ad server could receive and store more information. Ad Families allows advertisers to control the serving of large classes of ads.

June 2004 – February 2005

Unicast/Viewpoint

Quality Assurance Engineer – Unix, Perl, HTML

- Responsible for quality assurance of web-based ad play and ad operations applications. Performed functionality, white box, compatibility, usability and regression tests on both applications. Ensured referential integrity between ad operations and ad play applications.
- Projects worked on include optimization of Ad Play Queues (designed to increase number of ad plays per tag hit. Tagless Pages where a Unicast tag from a previous page is dynamically written to a non tagged page.

EDUCATION

Queens College

Sun Microsystems

Amazon Web Services

Agile Training

Bachelor of Arts Degree

Sun Certified Java Programmer

Associate Developer Certification – In Progress