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Skills

Languages:

Proficient in: PHP, Perl, HTML, CSS, Javascript, SQL, Bash, Java

Experience with: Ruby, Python, VB.NET, C#.NET, C/C++, L^AT_EX

Technologies & Tools:

vim, git, SVN, ant, Jenkins, MySQL, SQL Server, Backbone, jQuery, SASS/LESS

Target Platforms:

Linux (Ubuntu, CentOS), Web (Mobile, Desktop), Windows (XP, 7)

Experience

- **Intrepid Learning**
Applications Developer

March 2010 - Present

Seattle, WA

Their focus is on corporate training and learning services, from sourcing of training instructors at client sites to providing custom designed and hosted informal learning portals. Clients include Boeing and State Street Global Advisors.

Lead the development of a web framework designed to integrate with our internal CMS via a REST based API. Keeping this framework up to date with API changes requires working closely with the CMS dev team and significant knowledge of the codebase and technology stack (Java app on top of MongoDB & ElasticSearch).

Release manager for client apps, performing production releases, managing git repository, and developing tools to smooth overall deploy process.

- Lead developer of PHP web framework designed to interact with REST API back end.
- Implemented a REST API in this framework for third party integrations.
- Developed web apps on top of this framework using modern Javascript and CSS techniques.
- Managed build and release process for apps, developed tools to ease deployments.
- Developed SSO Solutions for several clients, integrating with Active Directory using both PHP/LDAP and C#.NET
- Deployed and currently maintain several client sites to production using this platform.

- **Tweetajob**
PHP/MySQL Web Development

September 2009 - December 2009

Seattle, WA

A small startup focused on leveraging Twitter as a platform for job postings, allowing job seekers to subscribe to field and location focused twitter feeds. It attempted to monetize

itself by allowing recruiters to easily and cheaply post positions to a matrix of locations and fields.

Developed admin console, which allowed for managing recruiter users, monitoring tweets made by the system, and performing other site management. Implemented part of the payment processing system, using Authorize.NETs API to handle one-off and recurring payments.

- Used Twitter's API to implement functionality to monitor and delete tweets made by the system.
- Used Authorize.NET API to implement one-off and recurring payment processing.
- Developed admin console for managing users, payments, and tweet interaction.

- **Implied Solutions, LLC**
PHP/MySQL Web Development

March 2009 - May 2009
Seattle, WA

A small consulting company, focused on developing and designing client sites. Primary developer behind the *Running Rewards* site, which was designed to engage the marathon/running community and provide information on event goodie bags and other incentives.

Built the site using PHP, using the Doctrine ORM to interact with the MySQL database. Took photoshop files from a designer and used them to build the site's interface.

- Primary developer behind *Running Rewards* web site.
- Developed using OO PHP, Doctrine ORM, & MySQL
- Designed & developed site based on client requirements.
- Implemented UI based on designer photoshop mockups.

- **The Active Network**
Thrive - SOA Development

June 2007 - September 2008
Bothell, WA

Focuses on online registration and event management software, and acquired Thrive in 2007. Thrive built a hosted web-based event management solution, which included online registration, database management, and payment processing.

Lead developer for the "SOA" project, which was the SOAP interface and business logic application for Thrive. Additionally developed two Windows Service applications. One was designed and built for processing recurring payments based on customer and/or user defined schedules and amounts.

Another was designed to split up the user registration process into an asynchronous service, to improve performance. By performing the minimum of data and payment validation in line with the user registration and offloading the heavy lifting of registration persistence, performance of the registration process was significantly improved.

- Lead developer for SOA project, SOAP interface, and business logic application.
- Worked heavily in SQL Server, developing stored procedures & views.
- Lead development for a windows service app to handle asynchronous processing of data across multiple sql server databases.

Interests/Hobbies

- **Norwescon
IT Developer**

2011 - 2012

Began volunteering for Norwescon, performing a variety of IT & developer roles, including maintenance on existing software & web apps, setup/teardown of at-con network infrastructure, and at-con tech support for registration and art show systems.

- **Game Development**

- Currently run and administer multiplayer server for Minecraft myself and friends. Have implemented automatic automatic map generation using an open source tool, automated backup snapshots (using rsyncbackup).
- Developed Mods for both Minecraft and World of Warcraft. Minecraft mods were developed in Java using the community developed Bukkit API & Server implementation. The WoW addons were developed in lua. Source code for these mods can be found in my github profile: <http://github.com/duaiwe>

- **Hiking & Snowboarding**

Though I am not able to go as much as I would like, I enjoy hiking, and have enjoyed hiking various areas of the pacific northwest, and snowboarding at crystal mountain.

Education

- **Rochester Institute of Technology**
Rochester, NY
Bachelor of Science in Computer Science
Minor in Philosophy

1998-2005