Michael Xavier

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A self-motivated, detail-oriented individual looking for a rewarding and challenging position in the software development industry. Specializes in web application development in Ruby on Rails with a broad range of practical experience in problem solving and specific technical competencies.

Summary of Qualifications

- Over 4 years of experience working remotely resulting in a unique skillset and proficiency in remote support technologies.
- Capable of working on a wide variety of projects either alone or as part of a team.
- Over 2 years of experience with Ruby and Ruby on Rails, including experience with numerous libraries for use with Ruby problem solving and testing.
- Experience in organizing and customizing business systems from the ground up to meet specific business-critical needs.
- Excellent research skills, especially in the area of parts and software procurement.

Technical Expertise

- **Languages:** C, C++, C#, Ruby, SQL, HTML/XML, CSS, Javascript, Bash scripting. Some experience with Python, Google Go.
- **Frameworks:** Ruby on Rails, Sinatra, all major Ruby ORMs (ActiveRecord, Datamapper, Sequel), Prototype, JQuery, Scriptaculous. Some experience with Sphinx.
- **Methodologies:** TDD with Test::Unit, Shoulda and RSpec. BDD with Cucumber. Some experience integration testing with Webrat and Selenium. Remote deployment with Capistrano. Some coursework in parser generators (lex), context free grammars (YACC) and compilers.
- **Operating Systems:** All versions of Windows, over 4 years experience with Linux/Unix, some experience with Windows Server 2003 and Windows Server 2008.
- **Software:** Ruby on Rails, Capistrano, Git, Numerous UNIX tools, Photoshop, Microsoft Dynamics CRM 4.0, Commit CRM, Microsoft SQL Server 2005, MySQL, SQLite, Crystal Reports, Visual Studio, Exchange Server, mdadm,

ddrescue Recovery Tools, Microsoft Office.

Professional Experience

San Diego Computers, Inc., San Diego, CA
Procurement/Research/Software Engineer – Oct 2005 – Present
Began as a researcher, locating hard to find hard drives and legacy PC components for customer repairs, but soon took the role of an advisor and software developer. Soon developed PHP software to help track customer parts orders. Later rewrote this software for Ruby on Rails. Responsibilities soon grew to developing internal and customer-facing Rails applications, using Sinatra for small-scale or prototype systems, and building custom solutions for Microsoft Dynamics CRM 4.0. Other responsibilities include maintaining Linux servers, creating backup scripts to distribute scheduled backups across several storage systems, performing cost analysis on and implementing new business systems, providing remote support.

Major Accomplishments/Projects:
- Developed customer self check-in software from the ground up in Rails to process new customers, print labels for customer equipment and automatically import/export data for 2 different CRM suites: Microsoft Dynamics CRM and Commit CRM. The application doubles as a backend for Dynamics CRM using the Sequel ORM, ADO and custom-written C# utilities created with the Dynamics CRM SDK.
- Created customized Capistrano recipes to deploy and manage an internal Rails application in a Windows environment, as well as Linux servers.
- Worked on creating a customized parts inventory system to allow the company to search for data recovery donor parts using closely-guarded part matching heuristics.
- Working on several lightweight, RESTful Sinatra applications for varied applications such as adding web services layers to Dynamics CRM and screen scraping data mining/automation.
- Solely responsible for implementing Microsoft SQL Server 2005 and 2008, Microsoft SQL Server 2008, and Microsoft Dynamics CRM 4.0 in a production environment and configured organization workflows to automate many business processes. Currently developing customized ISV solutions and plug-ins to further streamline business processes.
- Currently developing an all-in-one internal web application in Ruby on Rails to manage parts orders, RMAs using the Paypal API, automated parts searches using the eBay API, newsletters, RSS feeds, and mailers.
- Developed a customer web portal to allow customers to log in and view ticket status, approve parts and services and print invoices, all of which are extracted from a remote installation of Dynamics CRM and synchronized with ActiveResource.
- Developed and modified several templates for the company website, as well as

corresponded with a professional web designer for the latest revision.
- Developed a Sinatra application for SEO analysis and reporting of competitor websites.
- Created a company-wide invoice and estimate in Crystal Reports using an ODBC interface to Commit CRM. Later oversaw and modified a conversion to the SQL Reporting Services platform.

Education

- Currently completing the 3rd year of 4-year degree program to obtain a BS Computers and Software Systems from the University of Washington Bothell. Maintaining a 3.77/4.0 Cumulative GPA.
  - Member of the Association for Computing Machinery (ACM), UW Bothell Chapter.
  - Received Dean's Letter in Spring of 2009.
- Graduated with Honors from Granite Falls High School in 2006.
  - Received numerous Principal's Honor Roll certificates of recognition.