Website: katiecordescodes.com
Location: Calgary, Alberta, Canada

Katharine Cordes

Objective

To be exposed to various programming languages, paradigms, and projects and to create/customize applications whether as an individual or as a team.

Skills

- 10+ years: PHP, MySQL, JavaScript, HTML
- Casual learning or through school: Java, C#.NET, ASP.NET
- JavaScript Libraries: NodeJS, Handlebars, ReactJS, Vue.js
- PHP Frameworks: Symfony 4, Laravel
- Tools: Git, Docker

Experience

Jan 2021-Present   Field Safe Solutions (Calgary, AB)
Full Stack Developer
Php, MySQL, Javascript, HTML, Docker, Laravel, Vue.js

- Implemented new features and bug fixes for the Field Safe Solutions website

July 2015-August 2020   atmosol (Chandler, AZ)
Senior Backend Developer
Php, MySQL, Javascript, HTML, Docker, Stencil

- Implemented ecommerce stores in Magento 1 and Magento 2 (up to 2.3.5) and customized the instances to the client's business requirements using the best practices of Magento
- Launched and maintained Magento 2 instances on Magento Commerce Cloud
- Implemented ecommerce stores in Stencil for BigCommerce with additional customizations to meet the client's business requirements
- Helped to create a BigCommerce Private Application framework designed to be the starting point for creating custom applications to handle various integrations including fulfillment and advanced reporting
- Updated the BigCommerce Private Application framework to handle multi-tenant applications and to use Docker for scalability
- Researched, implemented, debugged, and upgraded internal development environments from Salt to Ansible to Docker

July 2010-April 2015   Levementum (Chandler, AZ)
Php Developer (SugarCRM)
Php, MySQL, Javascript, HTML

- Implemented SugarCRM 6 and 7 instances, and customized to the client's business requirements

- Created custom portals and websites that integrated with SugarCRM both in OnDemand (Sugar's cloud service) and on premise.
- Worked directly with clients on various projects, and trained client developers in best practices for customizing SugarCRM 6 and 7
- Learned how to customize a new, mostly undocumented version of Sugar (Sugar 7) based on learning the source code and the new framework it used
- Helped implement best practices such as version control (Git) and code standards
- Ran the support ticket program for various clients, including defining and assigning out development tasks, performing code reviews, testing, and deployment
- Led a team of developers working both in SugarCRM and Magento
- Customized Compiere using Java and applied patches

May 2008-April 2010   Petro-Canada / Suncor Energy   Calgary, AB
IDM Developer

- Introduced to the Sun Identity Management (IDM) product
- Designed workflows, forms, and rules
- Implemented workflows, forms, and rules from my own designs, and others from the team in a development system using SVN as a repository system
- Created policy scans for use in the current production system
- Debugged various elements in both the IDM dev and production systems, and in a SPML subsystem, using first Mantis then another internal QA system for tracking bugs
- Participated in user testing of the SPML subsystem, and ran user acceptance test sessions with another QA testing consultant
- Worked with Windows Active Directory, RSA SecurId, SAP, and LDAP
- Created Windows Powershell scripts to be called by IDM to work with the Exchange server commandlets when creating or disabling Exchange2007 accounts through IDM
- Assisted with deployment of the SPML subsystem, and was one of two people handling issues and maintenance with the system after deployment

May 2007-Sept. 2007   C5 Plus LTD.   Calgary, AB
Web Developer

- Worked with owner of C5 Plus LTD. to create a company website
- Coded website from a Photoshop design mockup the owner had purchased, using ASP.NET, C#.NET, HTML, and CSS
- Handled deployment of website

May 2006-Sept. 2006   University of Calgary   Calgary, AB

Student Researcher

- Worked on a project using simulated molecular dynamics coded in Fortran
- Edited code to implement a rolling average for positions of molecules during critical nucleation to better depict the overall structure of the forming crystal
- Presented findings for all chemistry summer research students at the end of the summer

Education   Sept. 2004-2010   University of Calgary   Calgary, AB

- Graduated in May, 2010 with a B.Sc in Chemistry and a B.Sc in Computer Science

Interests   Programming, computers, application and web development, team development

Github: https://github.com/katharinegillis

References   On request