Marissa Twitchell

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SKILLS

- Programming Languages: Java, Ruby, Swift, Android
- Web Development: HTML, CSS, JavaScript, Bootstrap, D3.js, FTL, HBS
- Database Querying Languages: SQL, Mongo NoSQL, Splunk SPL, HiveQL, Spark SQL
- Version Control: GIT, Perforce, SVN
- Development Tools: The Atlassian Suite (Jira, Confluence, BitBucket), Jenkins, Splunk

EXPERIENCE

Software Development Engineer   April 2015 – Present
Expedia, Bellevue, WA
- Enhanced a product used by 4.6 million users monthly that saves search history across devices, increasing customer repeat rate
- Built responsive headers and footers for Expedia brands seen by over 300k visitors daily and assisted in a project to move brand headers and footers to a cloud-based solution to improve page loading speeds
- Automated a manual process in a team of two, which required building out a service endpoint to retrieve data, a Java/Spring rules engine, storage in AWS S3, a user interface, and was scheduled by a Jenkins job

Software Developer Consultant   May 2012 – August 2012, August 2013 – April 2015
Pariveda Solutions, Bellevue, WA
- Developed automated test cases using headless browser PhantomJS and additional acceptance tests using the Cucumber toolset in conjunction with Ruby/Watir
- Pulled data from big data sources (>30 TB) using both Hadoop/Hive and IBM/Netezza data warehouses writing HiveQL and SQL using WinSQL and Aginity as database clients
- Developed company-wide reference implementation to handle push notifications for Android
- Automated a four-hour, manual process using Automation Anywhere, a scraping tool
- Performed data mining and business intelligence on customer database using QlikView to increase client sales

Software Development Engineer   April 2011 – December 2011
The Church of Jesus Christ of Latter-Day Saints, Riverton, UT
- Provided bug fixes to a Java/Spring application used by Managing Directors with special interest in contributing clear, maintainable code
- Created automated test cases using the Ruby/Watir framework for a PeopleSoft Human Capital Management 9.1 upgrade
- Awarded "Most Hits on YouTube" for tutorials with over 300k views that explain topics such as how to use Tortoise SVN

EDUCATION

Masters of Information Systems Management   June 2013
Brigham Young University, Provo, UT

Bachelor of Science Degree in Information Systems   June 2013
Brigham Young University, Provo, UT