

NATHEN WATTERS

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HOME ADVISOR

SEP. 2016 - CURRENT

QA Automation Analyst

- Run regression suites as part as the release efforts each sprint.
- UI/API test framework design, documentation, and training for internal teams to write automation scripts for their own regression testing
- Developed dashboard and APIs for tracking automation test results over time, through the various environments before production, and for collaboration between Automation Engineers during regression efforts.
- Create graphical representation to compare test results for performance testing efforts – Chartist.js
- Wrap automation tools in Docker containers
- Maintain Django project used in data assertion against reporting tables and analytical data
- Create isolated scripts and Jenkins jobs for supporting manual testing efforts

MYWEDDING.COM

AUG. 2015 – SEP. 2016

QA Automation Engineer

- Converted existing automation frameworks to Maven, from Ant, to scale to dev, test, and production environments
- Construct UAT test plans through Behavior Driven Development with Cucumber-JVM features and scenarios
- Develop API test cases with JUnit and rest-assured

TIME WARNER CABLE

FEB. 2015 – AUG. 2015

Contract Software Developer in Test

- Integrate unit, smoke, and system automation tests for RESTful and SOAP web services in cloud and distributed systems
- Constructed data-driven test suites using Oracle DB and Selenium WebDriver to automate internal web-based tools used for configuring product data and scheduling for our server test team

TECSTAR CONSULTING

JUL. 2013 – JUL. 2014

Test Automation Engineer

- Setup a pseudo-distributed Hadoop cluster to be used for text and database processing on large data sets then developed a Java EE interface with Servlets and JSP that attached to the name node of the Hadoop cluster. The web UI enabled the user to develop custom queries that would then be transformed into custom MapReduce jobs and ran against multiple data sets in the HDFS
- Constructed data-driven test automation frameworks as baseline products for clients' QA teams to build off of. Frameworks were constructed either with C# or Java, Selenium WebDriver, and both Database and Microsoft Excel support
- Migrated software from legacy systems into a client's more recent standalone solution. Client had accumulated several code bases after acquisitions were made, and needed all the systems integrated into one
- Worked on a system emulation utility that replicated the custom messaging used in a client's cluster of embedded devices. The tool gave the client the opportunity to assess and predict system behavior before needing to send technicians to support their environments and help the client identify system errors
- Mentored junior developers in Java and developing Selenium WebDriver scripts

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING TECHNOLOGY

DeVry University, Westminster, CO. Graduated June 2013, GPA: 3.7 / 4.0

CORE LANGUAGES

JavaScript
Python

SOFT LANGUAGES

SQL
XML
HTML/CSS
Java

FRAMEWORKS

Bootstrap
Django
jQuery.js
Node.js/Express.js

SOFTWARE LIFECYCLE

Agile/Scrum/Kanban
Continuous Delivery
Continuous Integration

TEST

AUTOMATION
Black-Box Testing
White-Box Testing
Data-Driven Testing
Keyword-Driven Testing
REST/SOAP Automation
Selenium WebDriver
Mocha.js
Nightwatch.js

TOOLS

Git/GitHub
Jenkins
SourceTree
JIRA/Confluence
MS Office Suite
Docker
MongoDB