

# NATHEN WATTERS

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FRONTEND ENGINEER DELIVERING PROJECTS THROUGH THE ENTIRE DEVELOPMENT LIFECYCLE  
EXPERIENCE

## FREELANCE CONSULTANT

OCT. 2014 – PRESENT

*Frontend Software Development*

- Developed and delivered JavaScript and jQuery code snippets for new features and enhancements on existing web pages
- Replaced HTML placeholder content into dynamically generated markup either with erb files in Rails or templating in Django
- Using HTML, CSS, JavaScript, jQuery, Bootstrap, Angular.js, Git/GitHub, SCSS and Gulp.js to create Android tested mobile-first web applications for clients & portfolios

## TIME WARNER CABLE

FEB. 2015 – PRESENT

*Software Developer in Test (Contractor)*

- 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

### FRONTEND WEB DEVELOPMENT CERTIFICATION

Thinkful Online Courses  
Completed April 2015

## CORE LANGUAGES

HTML/CSS  
Java  
JavaScript  
JSON

## SOFT LANGUAGES

Python  
SQL  
XML

## FRAMEWORKS

Angular.js  
Bootstrap  
Django  
Google Maps  
Gulp.js  
jQuery  
Node.js / Express.js

## SOFTWARE LIFECYCLE

Agile/Scrum  
Continuous Delivery  
Continuous Integration

## TEST AUTOMATION

Black Box Testing  
Data-Driven Testing  
Jenkins  
REST/SOAP Automation  
Selenium WebDriver  
TestNG/JUnit  
Test Plans  
White Box Testing

## TOOLS

Git/GitHub  
Jira/Confluence  
Microsoft Office Suite