**Chandana Duvvuru**

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Location: Fremont, CA

Over 7+ years of experience with Software Development Lifecycle and QA Engineering for Web applications, Web Services and Mobile applications.

Experience with different Software Development Lifecycle models - Agile, Scrum, XP, Waterfall and Kanban.

Experience with different types of testing - functional, regression, performance, integration, usability, compatibility and accessibility.

* Worked with blackbox and whitebox testing and used different techniques to come up with test cases.
* Worked with Java - Object Oriented Programming for automation used different Java based libraries.
* Experience with JUnit and TestNG as test frameworks for automation framework, worked with different reporting tools based on them.
* Experience with Maven for Dependency and Build Management for Automation Projects.
* Experience with Java IO, Utils, Log4J, Apache POI, iText, Org.JSON, and HttpClient libraries.
* Experience with SOAPUI including PRO version for SOAP based Web Services automation - used Groovy Script for data driven testing.
* Experience with POSTMAN, HttpClient and RESTAssured for REST API automation, worked with all operations, authentication and authorization features.
* Experience with JSON parsing using Org.JSON and RESTAssured for REST API validations.
* Experience with JMeter for performance testing of HTTP API, used ThreadGroups, Configs, Pre and Post Samplers, Samplers and Listeners. Performed load and stress scenarios to calculate average response time and throughput.
* Experience with Selenium WebDriver - used different drivers, window handles, options api, support api and actions api.
* Experience with creating automation framework for UI using Java, Selenium WebDriver, TestNG, Maven, AutoIT - Used wrapper over WebDriver, Page Object pattern, Dependency Injection, UI Mapping and Data Driven concepts.
* Experience with creating automation framework for API using Java, TestNG, Maven, and RESTAssured.
* Experience with mobile automation using Appium for Android Devices using WebDriver API, Appium Server, UIAutomator2 and GenyMotion emulators.
* Experience with browser based tools to monitor traffic, javascript profiling and locating elements and console errors.
* Experience with GIT for version control
* Experience with CICD - using Jenkins pipelines, selenium grid for parallel testing and Docker containers for running tests.
* Experience with cloud - used cloud instances and also SauceLabs for cloud testing.

EDUCATION:

Master in Business Economics, Madras University, India, 2004

TECHNICAL SKILLS:

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| Testing Tools | Selenium WebDriver/Grid, TestNG, JUnit, SOAPUI, POSTMAN, RESTAssured, HttpClient, Appium, JMeter, Cucumber, Jenkins, SauceLabs |
| Languages | Java, Shell Script. |
| Databases | Oracle, MySQL, MongoDB. |
| Build Tools | Maven, Ant. |
| Defect Tracking | JIRA, HP QC |

**PROFESSIONAL EXPERIENCE**

**QA SDET/QA Automation Engineer**

**Certent, Inc. Pleasanton, CA Feb 2018 – Till Date**

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**Description:** Certent, Inc. is a leading provider of software and services for equity compensation and financial disclosure management and reporting. Founded in 2002, Certent serves more than 2,400 public, private, and pre-IPO companies with innovative stock plan management, regulatory compliance and reporting technology. With five global offices, Certent delivers confidence across mission-critical finance and HR processes.

Responsibilities:

* Extensively involved in all stages of Testing life cycle using Agile Methodology.
* Involved in designing and developing of Automation Test cases using Selenium WebDriver, Java, TestNG.
* Involved in providing the efficient locators strategy like XPath and CSS to run Selenium WebDriver script in stable condition.
* Developed test scripts in Selenium Automation using Selenium WebDriver, Cucumber, Selenium Grid, JAVA, JUnit, TestNG, Maven, Jenkins, GitHub.
* Implemented design patterns like Page Object, Data Driven, UI Mapping in Hybrid Automation Framework with Selenium WebDriver, Maven, TestNG and Jenkins, Apache POI,Java.
* Performed Restful Web Services automation testing using RESTAssured along with TestNG also used Jackson library and Apache POI to parse JSON Response.
* Responsible to verify Web services API request, response data validations in REST protocols.
* Developed scenarios in Cucumber for assigned user stories – integrated them with feature files and step definitions.
* Used Maven for building the project. Integrated with Continuous Integration tools Jenkins.
* Worked on distributed test automation execution on different environment as part of Continuous Integration process using Selenium Grid and Jenkins.
* Developed automation scripts for Mobile Native applications on Android platforms using Appium and Java.
* Used Appium to facilitate mobile testing by creating mobile Driver class with the required Mobile Capabilities.
* Created performance test scripts using JMeter to monitor Response Time and Performance of the RESTful APIs.
* Used JMeter to do performance testing to find the response time, throughput for the application transactions.
* Worked on Jenkins and Docker interactively and integrating together for end to end automation of builds and deployment.
* Worked with Google cloud machines to setup selenium GRID and also Jenkins server on HUB machine.
* Executed the test cases to validate the expected outcome with the Actual outcomes created and tracked the defects using JIRA.

Environment: Agile, Selenium WebDriver, Java, REST API, TestNG, Maven, Appium, Cucumber, Jenkins, Docker, JIRA.

**QA Automation Engineer**

**Move Inc, Santa Clara, CA Sept 2016 - Dec 2017**

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**Description:** The Move Inc network provides resources and tools for consumers and real estate professionals to help navigate all stages of the home-buying cycle. These tools give consumers access to the most comprehensive selection of existing homes for sale, property records, rentals, mortgage resources, senior housing options, moving resources and more. Worked on Realtor.com new version of Listing page.

Responsibilities:

* Worked in a highly dynamic Agile environment and participated in Scrum and Sprint meetings
* Developed utilities for handling WebDriver Waits, Window handles, Screen shots and Listeners in Automation framework.
* Wrote Selenium WebDriver automation Scripts and handled different reporting structures using TestNG Listeners and Jenkins configurations.
* Performed automation testing and authored test scripts using Selenium WebDriver, Maven and TestNG.
* Implemented Hybrid Framework with Page Object Model, Data-driven, UI Mapping using Java, Selenium WebDriver, Apache POI.
* Performed RESTful Web Services automation testing using HttpClient along with Jackson library to parse JSON response.
* Validated and verified the Rest API Json/XML responses using POST, GET, PUT, DELETE, OPTIONS, PATCH and HEAD requests with Payloads.
* Designed and developed Utility classes in Java that helps speed up automation and data verification for SOAP/API/XML responses.
* Worked on POSTMAN for manually test the API response, Status Codes, Headers.
* Set up Jenkins, GIT and Maven to work together and provide a smooth continuous integration system.
* Updated the defect status and opened new defects while testing the defects and Prioritize them based on severity in JIRA.

Environment: Selenium WebDriver, TestNG, Maven, JAVA, REST API, POSTMAN, JMeter, HttpClient, Jenkins, GIT, JIRA.

**QA Engineer**

**AT&T, Seattle, WA Jun 2014 – Aug 2016**

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Description: AOTS (AT&T One Ticketing System) System is to develop and support AT&T's (American Telecom and Telegraph) AOTS ticketing system that will be used for auto creating and tracking a trouble ticket on the service that AT&T has offered to its customers. AOTS acts as a single trouble management system to track AT&T Business Services. It encompasses Trouble Management (TM), Ticketing Services (TS), Change Management (CM) and Mobility along with Field Dispatch and Repair functions including appropriate automation activities. AT&T Business Services is investing in two major initiatives for the future i.e. Concept of One and Concept of Zero. Goal of Concept of One is to consolidate many disparate business processes and systems for the same functions into one and Goal of Concept of Zero is to automate as many manual functions as possible

**Responsibilities:**

* Prepared Test cases and Test plans for new Functional modules.
* Designed and developed automated scripts, which involved Functional, Regression, Integration test cases using Selenium.
* Functional and object driven approach for designing Selenium scripts using Selenium WebDriver , Eclipse Platform using Java Language.
* Used TestNG as the Automation Framework and Maven as the build tool.
* Created Page classes and created library using JavaCSV module for data driven testing.
* Automated Web Services using SOAPUI, performed different operations test suites based on WSDL.
* Created data driven for web services using Groovy Script.
* Created performance test scripts using JMeter to monitor response time and performance.
* Performed Load and stress testing using JMeter – used Thread Groups, Samplers, Plans and Proxy recording with listeners to calculate the average response time.
* Created and executed SQL queries to validate the data and used data manipulation language.
* Expert in writing SQL queries to extract data from database tables to perform Database Testing.
* Analyzed Modules, designer test scenarios, and test scripts in UNIX environment.

Environment: Selenium WebDriver, Java, TestNG, Maven, SOAPUI, JMeter, SQL, UNIX.

**QA Analyst**

**Whitebox Learning, Fremont CA June 2013 to May 2014** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Description:** Avatar is vendor management software built using PHP, MySQL and jQuery. Using this application, clients can manage their vendors, services, purchase orders, invoices and billing.

Responsibilities:

* Designed the Test Scenarios and Test Cases after analyzing the requirements.
* Designed and executed quality Test Plans and Test Cases to verify Reliability, Accuracy and Compatibility of application.
* Performed Smoke, GUI, Integration, Functional, Regression, Redundancy, Data Integrity, System Compatibility testing.
* Automated the test scenarios using Selenium RC and used Java as programming language and JUnit as the test framework.
* Created Page Object pattern using Selenium RC. Used xpath locators, waits, and mouse and keyboard events.
* Used ANT as build tool and integrated tests into build process using JUnit task.
* Used Bugzilla for filing bugs and bug management.
* Created test data by running SQL queries, and exporting them to Excel.
* Performed backend testing with SQL for data validation and data Integrity.
* Worked on UNIX based platforms to analyse and debug application issues.

Environment: Java, JUnit, BugZilla, ANT, SQL,UNIX.

**QA Manual Tester**

**Reliance Steel & Aluminum Co, Union City, CA Mar 2012 to May 2013**

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**Description:** Worked on in house inventory management system and order management system. It is windows based application to enter data, validate data and verify difference scenarios of inventory management and order management.

**Responsibilities:**

* Designed the Test Scenarios and Test Cases after analyzing the requirements.
* Test Plans using Quality Center and also modified the existing test cases as per the new builds and also used for maintaining the Test execution and Defect Management.
* Performed regression testing for fixes using QTP and closed the defects in Quality Center.
* Used QTP Shared Object Repository and created function library for custom functions.
* Used QTP Actions for each test scenario and used conditional logic for the test cases and data driven.
* Performed backend testing by writing SQL queries and involved in testing of database using SQL queries
* Tracked defects, maintained defect repository and followed defect life cycle until it was closed.
* Developed and Executed SQL queries to check the database and checking the data integrity in accordance with business standards of the company.

Environment: Windows, SQL, MS-Access, Excel.