**Venu Gopal**

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**Professional Summary:**

* 8+ years of experience in Software Quality Assurance and Testing, in the areas of Business process, requirements, functional analysis, and maintenance of Web based applications.
* Extensive Knowledge of Quality Assurance standards, methodologies and strategies with better understanding of **Software Development Life Cycle (SDLC).**
* Experience in working with open source tools **Selenium (Selenium IDE, Selenium RC/WebDriver, and Selenium GRID), Junit, TestNG, Ant, Maven, Jenkins, Hudson, Cucumber, Jbehave, Eclipse** and preparation of automation test framework.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Expertise in developing, estimating, documenting and executing test cases manually and generating automated scripts using **Selenium IDE, RC and WebDriver.**
* Proficient in creating automation script from **scratch**. Sound knowledge of developing different type of **framework** like **Module driven**, **Data driven** and **Hybrid** framework.
* Expertise in preparing Test Plans, developing, reviewing and executing Test Cases and Test Scripts based on Functional Requirements, Business Requirements and Use Case Documents.
* Experience in Smoke Testing, Functional Testing, Integration Testing, GUI Testing, Regression Testing, System Testing and UAT.
* Extensive Experience in using **Selenium IDE, Selenium Remote control (RC), Selenium WebDriver**, **Quick Test Pro**, Performance and Reliability Testing using **Load Runner** and Defect Reporting by **Quality Center** and **Lotus Notes.**
* Excellent knowledge in writing unique **XPath** using **firebug and fire path to** identify web elements.
* Worked on Rally, JIRA for logging defects, understanding the user stories, uploading test cases.
* Hands on experience in reporting defects by using **HP Quality Center**, track, and verify resolution of software and specification defects along with documentations of all phases and involved in complete SDLC.
* Experience in conducting batch testing and data-driven testing using parameterization to test application with different sets of data.
* Strong experience in Manual and Automation Testing of client Server, Web based Applications, Web Design**, API and SOAP UIs.**
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center**, **JIRA**, IBM **Clear Quest, BugZilla etc.**
* Proficient in **Java, JDBC, JavaScript, C, C++, Oracle, SQL Server, SQL, PL/SQL** and in web Technologies like **HTML, XML and CSS**.
* Exposure to different development methodologies like **Waterfall Model, Iterative** and **Agile development.**
* Excellent experience with **source version control tools** such as **Git & Subversion (SVN).**
* Sound knowledge on **Object Oriented Programming** (OOP) concept. Extensively used Java and Ruby for test case automation. Experience in implementing **TDD** and **BDD.**
* Experienced in writing **SQL verification scripts** to test the result of deployment for correct business logic for **Back-end testing.**
* Professional and Analytical skills coupled with Good Communication and Interpersonal skills describing a committed Team Player and Team Leader.
* **Excellent interpersonal skills**, proven team player with an analytical bent to problem solving and delivering under high stress environment.

**Technical Skills:**

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| **Testing tools** | Selenium WebDriver2.0/RC/IDE/GRID, Selenium Remote control (RC), HP Quality Center, Junit, Jmeter, TestNG, JIRA, SOAP UI, Cucumber |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSD, XSL, XSLT, XPATH, AJAX, Servlets, JDBC, JSP. |
| **Defect Tracking Tools** | Quality Center, JIRA, Clear Quest |
| **Languages** | C, C++, Java, C#, SQL, PL/SQL |
| **Project Management** | Microsoft Project, Microsoft Office (Word, Excel), Microsoft PowerPoint, MS Access, Agile & Waterfall |
| **Build Tools** | Ant, Maven |
| **Continuous Integration Tools** | Jenkins, Hudson, Cruise Control |
| **Browsers** | Internet Explorer, Firefox , Chrome & Safari |
| **Databases** | SQL Server 2005, 2008R2, Oracle 11g/10g & MS Access 2007 |
| **Operating Systems** | Windows XP, 7, 8 & server 2003, UNIX and Linux |

## Professional Experience:

**Client: Altegra Health, Miami Lakes, FL. Oct 16 – Mar 18**

**Role: Sr. QA Automation Engineer**

The project, application was developed to help solve the coding needs of Medical coding business. It was a web-based deployment with extensive use of APIs and web services. The version focused on internal use for employees, with extension plans for end customers.

**Responsibilities:**

* Identified the test cases to be automated and performed data driven testing and GUI Check Points using **Selenium WebDriver** and enhanced the overall functionality of the application.
* Developed the Test Cases Client based on FSD'S and Business Rules and for Web Client Test Cases based on Use Cases, Wire Frames, Annotated Documents and Business Rules.
* Created functional automation scripts for the report generation module using tools **Selenium WebDriver** and **TestNG.**
* Setup the Automation framework using **Selenium WebDriver** to run test cases in multiple browsers and platforms.
* Performed Regression testing on new builds, every modification in the application using **Selenium WebDriver2.0.**
* Performed all aspects of verification including **Smoke testing, Functional testing and Regression testing** on major functionalities of the application.
* Developed and Executed **TestNG** Test Cases using **Eclipse IDE.**
* Automated UI functional tests using **Selenium WebDriver, Java and TestNG**.
* Configured **Selenium WebDriver, TestNG, Maven tool** and created **selenium automation scripts** in java.
* Integrated the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Set up the **Maven** build **pom.xml file and surefire** reports for continuous integration test in **Jenkins**.
* Set up the different builds in **Jenkins** and deployed the scripts on Apache Tomcat.
* Worked on acceptance testing using **Cucumber** and **Selenium WebDriver.**
* Prepared Traceability Matrix to show the test coverage requirement vs. Test scripts.
* Developed manual test scripts to evaluate Corporate Information Security Web based user authentication applications.
* Performed Input Validations**, User Interface Validations**, Browser Compatibility testing and Navigation testing.
* Understanding the business logic and user requirements for manual and automated testing that includes test objective, Test plans, and test case and test procedures development using Rally.
* Used **Firebug and Firepath** to access webpage script variables.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Developed **SOAP UI** extension for test statistics.
* Created automation scripts in **SOAP UI** using Groovy Script for web services testing.
* Performed the testing of **Restful** web services for mobile apps for the Using **SOAP UI.**
* Participated and Initiated Team meetings on a regular basis and involved in active discussion in order to improve the testing quality by better strategies and testing approach. Involved in testing applications for **cross browser (IE 9/8, Firefox, chrome, Safari).**
* Performed tests using **Selenium remote control** in different browsers.
* Responsible for writing automation test scripts using Javascript in Rational Functional Tester (RFT).
* Involved in querying using **SQL** and updating records and validate database records as expected.
* Performed Backend testing to verify the data integrity by passing **SQL Queries**.
* Defect Reporting, Analyzing, Tracking and Report Generation using **ClearQuest**.
* Participated in daily **SCRUM** meetings and gave the daily status of testing.
* Attended the daily Bug review meetings, weekly status meetings and walkthroughs and interacted with Business Analysts and Developers for resolving Defects.
* Participated and Initiated Team meetings on a regular basis and involved in active discussion in order to improve the testing quality by better strategies and testing approach.

**Environment:** Java, Selenium WebDriver2.0, Jenkins, Cucumber, TestNG, Maven, Eclipse IDE, XPath, Firebug, Firepath, SOAP UI, DOM, HTML, JQuery, JavaScript, CSS, Scrum, SQL, Oracle and Windows.

**Client: CVS** **Caremark, Richardson, TX. May-14-Sept 16**

**Role: Selenium Automation Tester**

CVS Caremark is one of the nation's largest retail pharmacy chains, with over 7,000 stores across 41 states. CVS Caremark provides pharmacy services through its over 7,000 CVS/pharmacy and [Longs Drugs](http://en.wikipedia.org/wiki/Longs_Drugs) stores. one of the nation's leading pharmacy benefit management (PBM) companies, provides comprehensive prescription benefit management services to over 2,000 health plans, including corporations, managed care organizations, insurance companies, unions and government entities.

**Responsibilities:**

* Analyzed Business Requirements Documents to get better understanding of the system both on technical and business perspectives.
* Involved in design and implementation of **Selenium WebDriver automation framework** for smoke and regression test suites (Junit/ TestNG and ANT).
* Design, develop and implement MVC Pattern based Keyword Driven automation testing framework utilizing Java, Test ,NG and Selenium Web Driver.
* Used Jive to transform their businesses and achieve spectacular results.
* Implementing Jive buttons and SharePoint onto a global research page. The global research page was being upgraded to have jive buttons direct you to certain libraries and SharePoint to direct you to documents.
* Involved in Functional testing, Integration System testing, and Regression testing using Agile Methodology.
* Designed data-driven testing framework in Selenium and captured data dynamically from web controls.
* Used automated scripts and performed functionality testing during the various phases of the application development using Selenium.
* Involved in using selenium WebDriver APIs for writing TestNG test suites and test cases for testing functionality with the Selenium Server.
* Performed Integration, system Testing and executed Regression testing to identify errors in each modified build in the process of testing. Used Rally (Agile Project Management tool) for creating user stories, test cases, tracking defects.
* Involved in creation of automation framework in Selenium WebDriver using behavior driven approach like Jbehave, Cucumber. Parameterized test cases using different annotations.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Hudson/Jenkins.
* Developed Maven scripts for build-management.
* Performed Functional testing and regression testing using Selenium WebDriver automation tool.
* Developed the ASP Pages using MVC framework
* Coded different deployment descriptors using XML. Generated Jar files are deployed on Apache Tomcat Server.
* These functionalities are made available for use by service consumers through a RESTful API layer
* Performed Integration and Regression testing to check compatibility of new functionality with the existing functionalities of the application using Selenium.
* Worked with Ext JS framework to build interactive web applications.
* Responsible for preparation of Test cycle/progress reports, analysis of defect metrics & implement improvement actions for next iterations.
* Involved in Defect Management, Defect Review and Defect Status Reporting.
* Used SQL queries for retrieving data from database for executing user specific test cases.
* Conducted **backend testing using SQL queries** to validate data for database.
* Actively participated in daily Scrum meetings and involved in bi-weekly Sprint releases.
* Interacted with other external teams for environment/license issues, external services availability and work towards resolution.

**Environment:**, Java, Maven ,Selenium , RESTfuL,Web Driver, TestNG, HTML, ANT, Jenkins, BugZilla, Quality center, ClearQuest, MSWord, MS Excel, SQL, Oracle ,PL/SQL Developer, Windows. Web server-Apache

**Cigna, Atlanta, GA July 12- Apr 14**

**QA Engineer**

CIGNA Inc. is a global health care management company, Cigna embrace it as an opportunity to reflect and extend their mission to improve health, well-being and security for all those they serve. Worked on Medical billing application that involves the details about the patient demographics and health history.

**Responsibilities:**

* Reviewing and analyzing business requirements and technical specifications to come up with Testing Scope
* Responsible for **Manual, Automation using Selenium Web Driver, Scrum and System Testing** of the application at various stages
* Automated Web Application Testing **using Java Selenium framework in an Agile environment**
* **Created Selenium Test cases for automation using Selenium Web Driver and Java**
* Used **Hybrid Framework** of **Selenium** togetdatafromExcel**.**
* Created and executed **automated tests** for functional, and regression testing using **Quick Test Professional**
* Created QTP scripts with reusable and external Actions and, called functions in Actions.
* Inserted various types of **check points** including **text checkpoints**, **text area checkpoints** and **Image checkpoints.**
* Escalation for unresolved bugs to the concerned developers and module leaders.
* Used **Unix Commands** to access and trouble shoot Errors by accessing the **Error Log files.**
* Participated in Design Phase, together with members of the Product team, developers, and DBAs.
* Performed Smoke, System testing, system Integration Testing, User acceptance, Database & Regression testing.
* **Prepared Test cases, procedures, Bug Tracking, Logging and reporting bugs using Quality center**
* Expert with **Test documentation, such as Test Cases, Bug Reports, Use Cases etc.**
* Designed various test Cases with different test conditions.
* Prepared and executed scenarios for the **Regression testing** on new builds.
* Performed **Regression testing** by executing the scripts developed with **QTP**.
* Conducted **User Acceptance Test (UAT)** with users and customers and wrote issues log based on outcome of UAT.
* Adopted **Data Driven Methodology** to the test application with different sets of data.
* Develop test cases on various types of credit card applications.
* Perform functional testing and regression testing on each field of credit card application pages.
* Involved in Database testing to verify data integrity tests.
* Extensively interacted with developers to analyze & resolve issues that were encountered while testing application.

**Environment:** **Selenium 2, Web Driver 2.0, Web Services, SOAP UI, Restful, SOAP, JDBC, Java API, Eclipse, Maven**, HTML, JavaScript, MySQL, Windows, **TestNG,** Eclipse, Linux, MS Office.

**Client: Occupational Health Systems, Knoxville, TN. Jan 10 – June 12**

**Role: QA Engineer**

Occupational Health Systems is one of the largest and most comprehensive health care systems. This system provides Patient Administration, Billings and Pharmacy Management functions for the hospital.

**Responsibilities**:

* Analysis of functional specifications and designing Test Plans, Test cases for Functional Testing.
* Actively participation in GUI testing, Functional testing, System testing, Smoke and Sanity Testing.
* Involved in integration testing of different modules.
* Modification and execution of Test case Scripts (Java-Selenium RC) in Eclipse IDE, design of automation test framework (Junit and ANT).
* Wrote test cases and performed Manual Testing like Positive Testing and Negative Testing, Regression, Integration, Unit Testing.
* Performed records, enhanced, and plays back test in Fire fox using Selenium IDE.
* Performed requirements Analysis, Risk analysis, Dependency Analysis and Issues/Problems Analysis.
* Designing and documenting the test cases in a fast paced environment.
* Collaboration with development and other QA on test execution.
* Analysis and isolation of issues reported from clients.
* Defects were tracked, reviewed, analyzed and compared using Quality Center.
* Used SQL Queries for backend testing to check the data integrity and data consistency.
* Interaction with developers to report software bugs and re-test the fixed issues.
* Involved in Creating check lists for testing team.

**Environment:** Java, Junit, Ant, Selenium IDE/RC/ GRID, JavaScript, HTML, SQL, Quality Center, Oracle and Unix/Linux.