**Dhanalakshmi Jampana**

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**PROFESSIONAL SUMMARY**

* **7+** years of experience in **Software Quality Testing** and doing **Manual** and **automated** **testing** on Web based, Mobile and Client-server applications using **Selenium, Java, Maven** and **TestNG** and expertise in **domain technologies** like **E-Commerce**, **Banking, Financial, Marketing, Telcom** and **Insurance.**
* Expertise in understanding of **Software QA Methodologies** and experience in all the phases of Software Development Life Cycle (**SDLC**), i.e., in **agile** development model, **Waterfall** model, and **V**-model and mainly work experience in **Scrum** model and in Software Testing Life Cycle (**STLC**)
* Expertise in automating the software testing and hands-on coding using open-source tools lik**e Selenium IDE/RC/Grid, Selenium Web Driver, Java, QTP,** an**d Firebug.**
* Strong knowledge in **Web technologies** like **JavaScript, XML, XPATH, AJAX, HTML, CSS, SOAP, jQuery**.
* Expertise in **Web Service** testing **(SOAP) (SOAP and RESTFUL)** using **SOAPUI**.
* Expertise in automating software testing using **Selenium Web Driver /Grid/, Firebug, HTTP Analyzer.**
* Hands-on coding using Java and Writing Selenium Web Driver Test Cases with Java
* Well versed with Java Testing Frameworks like **Test NG and JUNIT**
* Experience in Using **Jenkins** for Continuous Delivery and Continuous Integration for Smoke testing and Regression testing of the released builds
* Experienced in manual testing and automate **SOAP and Restful Web Services using SOAP UI, Apache Http Client, Jackson, JAXB parsers.**
* Extensive experience in preparing **test plans, test scenarios, test scripts, test cases, test reports** and documentation of manual and automated testing.
* Hands on experience in **functional testing, unit testing, integration testing, regression testing, black box testing, white box testing, API Testing, GUI testing, back-end testing, browser compatibility testing**, in different stages of Software Development Life Cycle (SDLC).
* Proficiency in **Ant,** **Maven** and setting up local workspace using **Maven, Test NG** and **Eclipse.**
* Skillful in functional testing using **Selenium** **IDE/ Web Driver** using **Test NG** testing framework.
* Involved in developing the Automation using **Data Driven and Hybrid framework.**
* Expertise in getting the test data using **TestNG** Data provider and **POI API.**
* Experience in Testing **AJAX** and Web 2.0 controls using **Selenium Framework.**
* Create defect log using **Rally** and **managing** the tasks and stories in **Agile Environment.**
* Experience in designing and executing Automated Tests for **Data Driven Testing**.
* Good understanding of bug tracking using **HP QC** and **JIRA** for reporting the Modification Requests and collecting Test Metrics In order to Keep track of the test progress and test execution.
* Good knowledge in using repositories **SVN, GIT**.
* Experience in created **BDD Framework (Cucumber)** and did enhancements with Team.
* Experience in web services testing like **REST API** using **Rest Assured**, http Client and **POSTMAN**.
* Good work experience in using **SQL Queries** in verifies the data from the **Oracle DB** (backend validation).
* Experience in performing **Manual Testing** of Mobile Native Apps and **Mobile Web Applications.**
* Good experience in using tools like **Firebug** and **Fire path** checker for identifying **XPATH**.
* Good knowledge and experience of **JMeter** to do performance testing.
* Strong problem solving, analytical skills in testing, development and automation.
* Very good team player in working with others on time critical assignments. Excellent written and verbal communication skills.

**TECHNICAL SKILLS**

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| **Languages** | Java, SQL, HTML, Java Script, XML, CSS, Shell Script |
| **Testing Tools** | Selenium IDE/Grid/RC/Web Driver, QTP, HP Quality Center, Test NG, JIRA, Rally, Firebug, SOAP, SOAP UI, Restful, Maven, Apache HTTP Client, JAXB, Jackson, Json Parser |
| **Web Services Testing** | SOAP UI PRO, Postman, Chrome API Tester, SOAP, RESTFUL, WSDL, XML, JSON |
| **Web Technologies** | J2EE, PHP, Web Services, SOAP, REST |
| **Dev Methodologies** | Agile, Waterfall |
| **Build Tools** | Ant, Maven, Jenkins, Hudson |
| **Version Control Tools** | SVN, GIT |
| **Bug Tracking Tools:** | Quality Center, Bugzilla, Rally, JIRA, Bug Tracker |
| **Operating Systems** | Mac OS¸ Windows, Unix, Linux, |
| **Misc. Tools** | WinSCP, Secure CRT, SVN, GIT, Firebug, |
| **Databases** | Oracle, MS SQL Server, LDAP, Access, DB2, MongoDB |
| **IDEs:**  | TOAD, SOAP UI, Eclipse |

**PROFESSIONAL EXPERIENCE**

 **April 2020 – Present**

**Client: JohnsonfinancialGroup,** Wisconsin

**Role: QA Engineer**

### Roles and responsibilities:

* Gathered business requirements and developed Test cases based on User Stories.
* Involved in Agile (Scrum Process) methodology-based Project Planning, Test planning and Coordinating on all SDLC phases, by working closely with scrum masters and product owners.
* Performed manual Testing in CDH which is a web application.
* Developed automation test Framework (Hybrid framework)
* Extensively used Selenium WebDriver, TestNG, Maven tool and created selenium automation scripts in java using TestNG on Web based application for all the modules.
* Involved in preparing Test Strategy, Test Plan, Test Scenarios, Test Evaluation Summary Reports, Test Cases and Test Scripts for automated and manual System Requirement documents for the Functional, System, Performance, Integration, Regression, UAT, Security, Smoke/Sanity and Usability testing.
* Developed automation code for multiple test strategies like smoke testing, regression and sanity testing and developed automation script in java and configured through Jenkins to send the results automatically.
* Used TestNG Annotations in Selenium Web Driver and executed a batch of tests as testing suite.
* Used SQL queries extensively for backend testing.
* Closely worked with various teams for managing defect calls and resolve the testing issues
* Used Jenkins (CI/CD tool) job for nightly build execution.
* Check in/Checkout the code using GIT/GitHub in Bit bucker server.
* Reported software defects in JIRA and interacted with the developers to resolve technical issues.
* Used agile methodology and engaged in an iterative workflow and incremental delivery of working software.
* Created data-driven framework to get the test data from excels sheets and property file.
* Practiced continuous integration process using Jenkins and ran automation script nightly basis and debugged the script and identified bug and reported defects in JIRA.
* Cross Browser/ Platform testing using Selenium TestNG and executed scripts using Appium.
* Participated in Test Case reviews and client meeting.Prepared test data for Test cases Based on SRS.
* Debugging of Automation Test Scripts.Support to the DEV, QA/UAT, Production builds.
* Execution of Test Cases and Publishing the Execution Reports, involved in Daily Status Meeting
* Maintained Metrics and participated in the Weekly Status Updates showing the progress of the testing effort and open issues to be resolved.

**Client: Matrix Care,** Bloomington, MN **April 19 to Mar’ 20**

**Role: QA Automation Analyst (Consultant)**

**Responsibilities:**

* Actively involved with **SPRINT** meetings, managing product backlog, Test planning meetings, prioritizing and review milestones and accomplishments.
* Defect logging, Tracking, Reporting and Validation using **JIRA.**
* Working with BA to analyze the requirements and create the test scenarios.
* Creating Test Plans and maintain their execution status using **QTest**.
* Created ETL test data for all ETL mapping rules to test the functionality of the SSIS jobs.
* Created analytics reports using **Power BI and MS Excel** and tested **BI reports** against the requirements
* Developed **SQL** queries /scripts to validate the data such as checking duplicates, null values, truncated values and ensuring correct data aggregations and to verify **ETL Process.**
* Automated test cases using **Java, JDBC** for database testing and **Selenium Web driver** for validating the front-end part of the application.
* Created **Functional, Non-Functional** and **Regression** test cases for Manual Testing and automated them using Java, Selenium.

**Environment:** SQL, MS SQL Server, Power BI, Excel Pivot Tables, QTest, JIRA, MS Office Suite, Java, Selenium

**Client: Citizens Group,** RI **March 2017 – Mar 2019**

**Role: QA Engineer**

### Roles and responsibilities:

* Analyze business requirements, Software requirement specifications.
* Developed automated scripts using Selenium Web Driver, TestNG in Eclipse to perform functional and regression testing for web-based applications.
* Responsible for implementation of Hybrid Test Automation Framework build using Selenium WebDriver, TestNG and Maven technologies under Java platform.
* Used Jenkins (CI/CD tool) job for nightly build execution.
* Check in/Checkout the code using **GIT**/**GitHub** server.
* Reported software defects in JIRA and interacted with the developers to resolve technical issues.
* Used agile methodology and engaged in an iterative workflow and incremental delivery of working software.
* Created data-driven framework to get the test data from excels sheets and property file.
* Practiced continuous integration process using Jenkins and ran automation script nightly basis and debugged the script and identified bug and reported defects in JIRA.
* Used Maven as the project build tool, GIT as Repository, and Jenkins for Continuous Integration and JIRA as a defect tracking tool.
* Cross Browser/ Platform testing using Selenium TestNG and executed scripts using Appium.
* Used Cucumber (BDD) framework for few scenarios.
* Participated in Test Case reviews and client meeting.Prepared test data for Test cases Based on SRS.
* Performed Functionality Testing and Regression Testing.Defect tracking and Reporting using JIRA XRay.
* Converting Manual Test cases into Automation Test Scripts using WebDriver in TestNG.
* Debugging of Automation Test Scripts.Support to the DEV, QA/UAT, T1-Privew and Production builds.
* Execution of Test Cases and Publishing the Execution Reports, involved in Daily Status Meeting
* Maintained Metrics and participated in the Weekly Status Updates showing the progress of the testing effort and open issues to be resolved.

**Client: GAP Inc., CA**

 **Nov 2015– Feb 2017 Role: Engineer**

### Roles and responsibilities:

* Extensively involved in all stages of testing life cycle, **Software Development Life cycle (SDLC)** using Waterfall, **Agile methodologies.**
* Designed, executed and maintained **Selenium Web Driver**, **Test NG,** automated test cases for regression test cases.
* Efficient management of **Rally** for **bug tracking** and Confluence for design documents**.**
* Extensively used **Selenium (XPath and CSS locators) to test the web application.**
* Selected the Test Cases to be automated and performed **functional testing** of the front end using **Selenium (Web Driver)** & created Data Driven framework using **Test NG**.
* Used **Hybrid Framework of Selenium to get data from Excel.**
* **Performed testing of Native apps on Android and iPhone and iPad devices.**
* Functional and Cross Browser Testing of Defined Browser Stack of the site experience.
* Involved in Web Services Testing using **SOAP and REST based web services** to create and execute automated functional, regression, compliance tests
* Testing **REST API** using **Apache HTTP Client, JXL, TestNG, Log4j , GSON, JAXB** Parsers
* Completed **SOA testing** using **SOAP UI** and Java framework for Web services testing.
* Tested request and response **XML's** based web services interfaces using **SOAPUI.**
* Experience with Assertions like Schema Compliance, **XPath** and **SOAP** responses.
* Performed execution and logging defect in **Quality Center** and Verification of defects for System Testing
* Conducted **Smoke testing**, **Functional testing, Regression testing, Integration testing**, **User Acceptance Testing (UAT**) and **Data validation testing**.
* Used **Page Object Model, UI Mapping, Selenium Manager, Data Driven using CSV, CSS Selectors as a part of Framework.**
* Worked on **UAT testing** by creating new business users, setting up all the required data, preferences and required permissions.
* Created **XML based test suit and integrated with Jenkins Server** to execute automation scripts on a regular basis by scheduling **Jenkins** jobs in different **test environments** with different **test configurations.**
* Used **Firebug** to do web-based application testing with selenium for the commands and locator application.
* Ensure accuracy and completeness in the **test** **reports.**
* Updated the Requirement **Traceability Matrix (RTM**), with Test Case id’s and make sure that all **BR’s (Business requirements), TR’s (Technical Requirements**) and Detail Design Requirements were mapped perfectly, and all Requirements were covered with Test cases.
* Development and Execution of **SQL queries** to check the database and checking the data integrity in accordance with business standards of the company.
* Worked closely with the developers to resolve the design and development errors and to get the software released for system testing.
* Carried out testing, to check whether the application is functioning as per the use case and functional specifications.

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| **Client: Apple vacations** | **July 2013 -Jan 2015** |
| **Role: QA Analyst** |  |

### Roles and responsibilities:

* Identify the Gap’s which holds existing application Analyzing the Capabilities (Requirements)
* Analyze the changes in the new build and update it accordingly
* Responsible for implementation of Hybrid Test Automation Framework build using Selenium WebDriver, TestNG and Maven technologies under Java platform.
* Check in/Checkout the code using **GIT**/**GitHub** server.
* Produce Weekly QA status reports, Involved in daily scrum calls.
* Involved in Peer review meeting and Daily Status Meeting
* Used Micro Soft Shared Repository (Common Repository) for maintaining the Project doc’s
* Participate in requirements & use case reviews
* Designing the Test cases based on the Functional Requirements and PR. involved in Functional, Regression & Retesting
* Analyzing the results and reporting the bugs using Mantis
* Support to the production build, analysis of client bugs, Defect Management and regression testing
* Execution of Test Cases and Publishing the Execution Reports

**EDUCATION:**

Bachelor of Technology (B.Tech in Information Technology)