**Nirmala Kumari Bellala**

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**SUMMARY:**

* Around 8+ years of experience in software testing, automation, client relationship management and team coordination.
* Strong understanding of SDLC, Waterfall, Agile software lifecycle methodology, related tools like Rally & JIRA.
* Good knowledge of Customer service support Business development Software development life cycle Database.
* Experienced in automation of Test Activity using Selenium IDE/ Web Driver, TestNG, JUNIT Frameworks, Python, Python Selenium and Pytest.
* Experience in cloud technology AWS
* Mobile Automation Testing using Appium Android and iOS
* Proficient in writing test cases using Selenium Web Driver and automating the functional testing.
* Experienced in Black Box, Functional, System, Regression, Integration, GUI testing using both Manual and Automation Techniques.
* Expertise in automating software testing using Selenium Web Driver /Grid/Firbug.
* Well versed with Java Testing Frameworks like Test NG and JUNIT.
* Proficient in developing BDD features with GHERKIN language using Cucumber .
* Experienced in manual testing and automate SOAP and Restful Web Services using SOAP UI, Apache HttpClient, Jackson, JAXB parsers.
* Expertise in Problem solving and Defect Tracking Tools like Quality Center, BugZilla and JIRA.
* Experience in back-end testing to query and access Oracle database using SQL
* Extensive knowledge of Software Development Life Cycle (SDLC), Methodologies and Test Processes.
* Hands on experience in Agile, Waterfall, RAD and Scrum methodologies.
* An experienced analyst with several years’ of practice in client interaction, requirement gathering and analyzing requirements to author test plan and test cases.
* Experience in Configuration Management tools like CSS, SVN and GIT.
* Experience in build and pipeline tools like Jenkins and Ansible.
* Ability in writing and executing Test Scripts to implement Test Cases, Test Scenarios, and features for BDD (Behavior Driven Development) using Cucumber and Gherkin.
* Knowledge of Testing Techniques Methodologies, Awareness of Software Engineering Concepts.
* Hands on experience in Test Planning, Test Case design, Test case review, Test case execution and bug tracking
* Proactive and analytical problem solver with strong leadership and excellent interpersonal skills, also has good client interaction & team skills.
* Dynamic in working with all teams involving Developers, Business Analysts, Product team and Client Support teams for deliveries on time and budget with highest quality.
* Good experience in engaging with business contacts and stakeholders for requirements gathering, architecture review and results analysis.
* Experience in Coordinating Functional, Regression, User Acceptance, Client-Server, and Web-based applications.
* Report and maintain the test results for all releases in different environments.
* Highly organized, strong quantitative skills & detail oriented.
* Quick learner, team player, hard worker, self-driven, result-oriented, able to meet deadlines and multi-task during project execution

**TECHNICAL SKILLS:**

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| Selenium Web Driver/IDE/GRID, HP Quality Center, JUnit, Log4j, Firebug, FirePath, TestNG, JXL, SOAPUI, Apache HTTP Client, Cucumber, BDD Framework, Core Java | **Testing Tools/**  **Frameworks** |
| Java, Python, Pytest, Cypress, Shell Script, XML, JSON, PL/SQL, HTML, Java Script | **Language/ Script** |
| AWS | **Cloud Technologies** |
| Appium, Android, iOS | **Mobile Testing** |
| XPath, Firebug, FirePath | **Firefox Add-ons** |
| HTML, XML, XPATH, Java Script, CSS, JSON, WSDL, AJAX | **Web Technologies** |
| SOAP, WSDL, RESTful web services, SOAP UI | **SOA Technologies** |
| HP Quality Center, JIRA, Rally | **Bug Tracking Tools** |
| Ant, Maven, Jenkins, CI CD, Docker, Groovy, GIT, Ansible | **Build/ CI Tools** |
| PL/SQL, Oracle, MySQL, Redis, TOAD, ISPF,db2,File Aid | **Databases and Tools** |

**PROFESSIONAL EXPERIENCE:**

**Gap, San Francisco, USA Jan2020 – till date**

**Blue Cross Blue Shields, USA Dec 2018 - Nov 2019**

**Comerica Bank, USA      June 2015 – Sep 2018**

**PROJECTS SUMMARY:**

**Gap, San Francisco, CA Jan2020 – till date**

**Role: Software Engineer in Test (SDET)**

GAP Inc is an American multinational Clothing and accessories retailer. It is a leading global specialty retailer offering clothing, accessories and personal care for men, women, children, and babies. The Project is based on customers prospective who involved starting with testing the compatibility of GAP web application with all the browsers to secure payment of customers selected items. The system provides online access to customers to create user account, search and order products followed by successful payment and shipping of the products. The major functionalities include User registration, Handling the inventory product details, Managing the shopping cart operations and processing a successful payment via Payment Gateway and following the shipping procedures.

**Responsibilities:**

* Involved in automating the reports functionality, which is critical to test in every Regression Phase, and which covers thousands of test cases.
* Collaborated with product management teams in an agile environment to develop a comprehensive set of tests for web-based applications.
* Analyzed the system requirements and developed detailed test plans, test cases and provided the documentation.
* Configured Selenium Web Driver, TestNG, and created selenium automation scripts in java using TestNG prior to agile testing
* Involved in creation of automation framework in Selenium Web Driver using data driven and Page object driven approach.
* Used Maven tool for the Project management and for the purpose of compile, run, deploy and to add external dependencies.
* Integrated Automation scripts (Selenium Web Driver API) on Continuous Integration tools Jenkins for nightly batch run of the Script.
* Performed GUI, Functional and Regression testing by automated using Selenium, TestNG, Maven, and Jenkins.
* Created knowledgebase articles for website based on most frequent customer service inquiries, providing access to information that expedited response time and ensured customer satisfaction.
* Experienced in all phases of lifecycle including requirement gathering, risk analysis, project planning, scheduling, testing, defect tracking, reporting and managements.
* Implemented Java, Selenium WebDriver to automate scenarios written in Gherkin syntax ensuring minimal manual intervention and code reusability.
* Tested application compatibility for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
* Developed and executed test cases and automation regression testing using Selenium Web Driver.
* Verified WSDL files, asserting files using various In-build assertions, performed Data Driven testing, in SOAP UI.
* Performed REST API Testing using Http java Test Client for REST web APIs.
* Keeping ahead of developments in customer service by reading relevant journals, going to meetings .
* Wrote BDD UAT using Gherkin format and implemented the step definitions using Cucumber.
* Integral to the application lifecycle: gathered requirements, worked on analysis/design with architecture team and tested through to final production release.
* API Level testing for web services, enhanced the Test harness and developed many Test suites using XML, PERL and PHP, Python.
* Develop test cases for functional and regression testing. Conducted usability testing, UI testing, functional testing, and database testing.
* Developed and maintained test documentation including test plans, test cases, and test data.
* Retest defect fixes and reopen issues when needed.
* Developed features and test scripts using BDD (Behavior driven development) in Cucumber.
* Worked with Developers, Business analysts and Project managers to determine requirements (H/W specs, Test Cases, Test Data).
* Used SQL Queries to verify the data from the Oracle database
* Mobile Automation Testing using Appium Andriod

**Environment/ Tools:** Selenium Web Driver 2, Appium, Android, iOS, Mobile testing , Agile, BDD, Gherkin, rally, Java, CSS, HTML, XML, JavaScript, Eclipse, Python, Rally, JAVA, TestNG, Restful API testing, Apache HTTP Client, JAXB, Jackson, XML, JSON, Jenkins, xPath, Firebug/ FirePath, JXL, Log4j, JDBC, Mobile Testing, Oracle, SQL, TOAD, Firebug.

**Blue Cross Blue Shields, San Francisco, CA Dec 2018 - Nov 2019**

**Role: QA Tester**

The Blue Cross Blue Shield Association is a federation of 36 separate United States health insurance organizations and companies, providing health insurance to more than 106 million Americans. The healthcare domain related software interacts between members, providers and payers and provides information like patient/policy details, service provided by physician, status of claim and so on using different portals.

**Responsibilities**

* Responsible for preparation of Test cycle/progress reports, analysis of defect metrics & implement improvement actions for next iterations.
* Participated in Agile software testing process with regular QA meetings to discuss major features of the application, test cases to write and execute.
* Responsible for fixing and maintaining regression automation test scripts for end-to-end testing using Selenium Web Driver (using Java).
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and Web Driver.
* Wrote scripts in Python for monitoring crawl performance/monitoring health of the GSA for different versions like mini, clusters etc.
* Converted QTP scripts to Selenium WebDriver scripts. Used Java language and Junit framework for scripting.
* Created Data Driven Framework to test with different sets of test data.
* Designed and executed the Automation Test Scripts using Selenium Web Driver and Junit.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using Selenium Grid and Jenkins.
* Performed different testing task using various test scripts on Selenium Web Driver and Junit.
* Used Firebug to identify web elements using XPath and CSS selectors.
* Understanding the requirement of project and requirement gathering directly from client.
* Executed SOAP based web services API testing (Java client and SOAPUI).
* Worked on creating test case for Object -driven framework for Selenium Web Driver.
* Performed data driven testing by using JDBC as a data source in SOAP UI and configured SQL queries to fetch data from the Oracle database.
* Used XML files in Sending/receiving XML requests using SOAPUI.
* Involved manual testing of various test cases with respective test scripts on Selenium and generate analysis report with Quality Center.
* Involved in testing of web application by creating XML test suite.
* Conducted backend testing using SQL queries to validate data for database and Used SQL queries for retrieving data from database for executing user specific test cases.
* Closely involved with development team, maintenance team and business team regarding changing requirements, builds and releases.

**Environment:** Selenium WebDriver, SOAP UI, Web Services, BDD, Gherkin, SOAP, TestNG, Firebug, FirePath, Quality Center, Microsoft Excel, Python, SQL Server, MAVEN, JAVA, JUnit, J2EE

**Comerica Bank, MI      June 2015 – Sep 2018**

**QA Engineer**

This was an enhancement project that would allow customers to deposit directly through mobile devices through small business banking, commercial and residential mortgage origination and retail banking focused on personal services, technological support, and innovative customer centered products. Each module has different functionality like Balances, Performance reports, and consists of Account detail, Transfer funds, Credit card processing reports etc.

**Responsibilities:**

* Cross- browser compatibility, Operating system compatibility, functionality, integration, usability, and regression testing.
* Developed test cases using functional specification and other technical documentation. Enhanced test cases per requirement changes.
* Wrote test plans based on the requirements documents and executed them manually.
* Written test cases using Junit.
* Involved in Requirements Gathering, Test Plan creation, Analysis and Reporting.
* Guided and supported the customer service, the training department and support department.
* Primary focus on back-end, API, integration, and UI (web applications) testing
* Written shell scripts and Python scripts for performing Load tests on applications.
* Involved in writing the test plans/test cases and executing them manually
* Arranged and coordinated the system demonstration to customers.
* Responsible for sending the status reports (Daily and Weekly.) to the project manager
* Participate in Daily and weekly meetings with the management team and walkthroughs
* Analyzed defects identified and reported in reporting tools. (Bugzilla)

**Environment/ Tools:** Java, JavaScript, MySQL, Selenium, Eclipse, JUnit, Bugzilla, and SVN