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An achievement-driven professional targeting assignments in **Software Test Automation and Quality Assurance in IT industry**

PROFILE SUMMARY

- **Over 10 years of work experience as Software QA Engineer, well-versed with all stages of Software** Development Life Cycle **(SDLC)** and Software Testing Life Cycle **(STLC).**
- Performed both **Manual and Automated testing** for major releases.
- Experience in designing and executing the **automation scripts for both frontend and backend using Selenium and Java**.
- Experience in **designing the test cases**, **creating test plans** and **executing test cases**.
- Extensive experience in **Selenium Web Driver**, **TestNG** and having knowledge on **Maven, Jenkins** and **GIT**.
- **Experience in finding the web elements in webpage by using CSS Selectors and Xpath.**
- **Implemented the Data driven framework to retrieve the test actions and test data form the excels file and SQL database.**
- **Experience in database testing using JDBC.**
- **Extensive experience in developing SQL queries to verify the proper insertion, deletion and updates into the database and investigate for solutions using data analysis practices and prepare analysis reports.**
- **Experience in Manual/Automation testing of Hadoop ETL with specializing in HIVE database testing.**
- **Expertise in Web services testing for REST endpoints using Soap UI for XML format and REST Client for JSON format.**
- Experience in **mobile testing** using **Appium**.
- Used **TestNG** to execute selenium automation suites on different browsers parallel.
- Extensive experience on Tracking Defects using **JIRA and HP Quality Center.**
- Experience in **performance testing** using **Load Runner** and **Jmeter.**
- **Worked on IE, Firefox and Chrome Driver.**
- Work experience in **Agile (scrum)/Waterfall** Methodologies.
- Familiar with programming languages like **C, C++and Java**.
- Extensive experience in analysing logs in **Linux/Unix** environments.
- Always strived to identify high quality defects and root cause analysis and suggested fixes and track them to closure.
- Strong experience of **E-commerce** and **Banking domains**.
- Coordinated and Interacted with Developers and Project Managers to resolve outstanding defects.
- Ability to effectively and professionally interact with people at all levels of management in reporting.
- Excellent analytical, problem solving, Verbal and Written Communication Skills.
- Exceptional skills in adapting to Industry Best Practices, new Technologies and Environment.
- **Ability to work well in a dynamic fast paced team environment and plan activities without supervision.**

CORE COMPETENCIES

~ Software Test Management ~ Automation Management ~ Team Management
~ Defect Management   ~ Quality Assurance ~ Client Relationship

TECHNICAL SKILLS

Testing Tools	Selenium WebDriver/RC/IDE/GRID, HP Quality Center, Load Runner, SOAP U
Languages	C++, PL/SQL, Java, C, JavaScript, HTML, XML, JSON
Application Tools	Eclipse, IntelliJ, Oracle SQL Developer, Putty, GIT
Scripting	UNIX Shell scripting, Java Script
Build Tools	Maven
Frameworks	Junit, TestNG, TDD, BDD, Data- Driven Development

Firefox Add-ons	Fire bug, Fire path
Bug Tracking Tools	Jira
CI Tools	Jenkins
Applications	MS Office Pro (Word, Excel, PowerPoint, Access, Outlook)
Databases	PL/SQL, Oracle, MySQL
Platforms	Windows, UNIX, LINUX, Sun Solaris, Mac OSX, iOS, Android

ORGANIZATIONAL EXPERIENCE

MasterCard, San Francisco, CA Nov 2019 – Present
Role: Senior SDET

Description:

Involved in offers platform manual testing and test automation. It has UI portal and Rest APIs.

Responsibilities:

- Automated **Rest APIs** regression suite using **Java, Rest Assured, TestNG, Maven, Git Bitbucket and Jenkins.**
- Designed and developed **Page Object Model** based framework to automate web application using **Selenium WebDriver** and **TestNG.**
- Worked on **PostGres** database and written **SQL** queries for testing.
- Executed **SOAP** automation suites using **SoapUI and XML**.
- Working knowledge on **JBoss** server.
- Participated in **technical design discussions** within and across technical teams. Also involved in discussions with cross-functional teams to define software automation product deliverables.
- Maintained **BDD framework** using **Rest Assured, Cucumber, Gherkin and Java.**
- Extensively worked on **Cucumber and Gherkin.**
- Involved in **Software Development Life Cycle (SDLC)** phases such as **requirement gathering and analysis, design, implementation or coding, testing, deployment**, **and maintenance**.
- Worked on **Agile** software development using the **Jira** tool. Extensively involved in **scrum** ceremonies such as **sprint planning, daily scrum, sprint review, and sprint retrospective**.
- Also used **Jira** to capture, track, resolve and report on bugs and issues throughout the entire development process.
- Used **HP Application Lifecycle Management** tool to write, execute, document, and maintain manual test cases and record results attached to every release for compliance needs.
- Prepared **test cases, test scenarios and test plans** and used **Confluence pages** for documentation.
- Worked on **Banyan and NewRelic** tools to validate **logs**.
- Guided other Quality Engineers on developing automation frameworks and on testing techniques.
- Created, configured and maintained **Jenkins** to implement the CI process and integrated the tool with **Maven** to schedule the builds.

Environment : Java, JBoss, Rest Assured, TestNG, Selenium **,** Cucumber, Maven, Jenkins, Jira, IntelliJ, Git Bitbucket, Web Services (SOAP & RESTFUL), SoapUI, XML, PostGres**,** SQL.

Ancestry, San Francisco, CA Mar 2018 – Oct 2019
Role: Senior Software QA Engineer

Description:

Ancestry notifications system have SMS, Email and Push. Responsible for automating these notifications which involved both front-end and back-end.

Responsibilities:

- **Extensively worked on Microservices and AWS.**
- Worked on **AWS** services such as **Ec2's**, **S3, SQS, RedShift, Redis and DLQ**.
- Have well understanding of **JAX-RS, Spring Boot and Swagger APIs**.
- Responsible for designing **REST API Data Driven Framework** using **Rest Assured** and **TestNG**.

- Designed end to end notifications test framework in **Java** using **Selenium WebDriver, Appium, Sauce Labs, Rest Assured, TestNG and Java JDBC.**
- Developed **WebUI** automation framework using **Page Object Model and Page Factory** design pattern.
- Designed **mobile native app** notifications test framework using **Appium and Sauce labs** for **iOS and Android**.
- Automated and validated **SMS** notifications using **Google Voice APIs**.
- Automated and verified **Email** notifications validation using **EWS (Exchange Web Service) APIs.**
- Automated **Push** notifications using **Appium and Sauce Labs.**
- Created and validated **JSON** and **XML** API data using **Rest Assured** and worked on **REST API** calls.
- Developed test automation framework scripts using **Python Selenium WebDriver**, **PyCharm, Pytest, Pip install, GitHub and Jenkins.**
- Implemented **Page Object Model** framework with **Python** and **Selenium**.
- Exposed to **agile** methodology **Scrum/Sprint** meetings and extensively used **CA Agile Central** tool.
- Worked on **MySQL** database and wrote many SQL queries for testing.
- Also worked on **RedShift** database.
- Extensively used **TestNG** for **reporting**.
- Used **Maven** for dependency management and to build automation frameworks.
- Extensively worked on Source Code Management tool **GitHub**.
- Designed **CI/CD pipeline** using **Jenkins**.
- Knowledge on continuous integration and deployment using **Jenkins** and **Docker**.
- Developed API performance tests using **JMeter** and captured performance metrics.
- Extensively worked on **white box** testing.

Environment : Java, Spring Boot, JAX- RS, Hibernate, Swagger, Appium, Sauce Labs, Rest Assured, TestNG, Junit, Mockito, Maven, Jenkins, Python, PyCharm, Pytest, Pip install, AWS, Docker, Postman, CA Agile Central, IntelliJ, GitHub, Web Services (SOAP & RESTFUL), SQL.

VISA Inc., Foster City, CA   Jul 2016 – Mar 2018
Role: Test Lead

Description:
Visa Checkout is a web-based application to pay online when shopping via merchant portal. Involved in backend services development and test automation. Also involved in Hadoop ETL process to extract the updated user data from banks/issuers, transform that data into useful patterns and then load into Oracle database. Also worked on front-end automation to see updates are visible.

Responsibilities:
- Created backend regression automation framework in **Java** using **JDBC** and **TestNG**.
- Validated the data from front-end to back-end tables in **Oracle database.**
- Designed and developed **Hadoop Data Driven Framework** using **Hive JDBC, Java and TestNG** to extract the data from **text files**, transform that data to **Hive database**, and then load the data to **Oracle**.
- **Designed, developed and implemented Page Object Model (POM) and Behavior Driven Development (BDD) based automation-testing framework utilizing Java, Cucumber, Gherkin, IntelliJ and Selenium WebDriver.**
- Automated **AngularJS** application module using **Protractor** by writing **java scripts** and used **Jasmine** as testing framework.
- Worked very closely with **UI Angular developers** while automating the tests using **Protractor** and **Jasmine**.
- **Performed the mobile native app testing for the mobile platforms like IOS, Android by using Appium.**
- Used **Appium** to facilitate mobile testing by creating Mobile Driver class with the required Mobile

Capabilities.
- Extensively worked on **Log4j** logging framework.
- Generated **custom reports** using **TestNG listeners**.
- **Primarily responsible for overall White Box Testing, Functionality Testing, Black box Testing, System testing, and primary point of contact for User Acceptance Testing.**
- Designed and developed **test strategy, test plan, test cases, generating test reports and defect reports.**
- Supported the delivery operations team in understanding operational workflows and system data structure as well as assisting with data validation.
- Created, documented complete and detailed technical specifications for entire project in **Confluence pages**.
- Wide knowledge on **financial application** and **business rules**.
- Generated log reports from the **Unix/Linux** environments using **shell commands**.
- Used **Splunk** tool for automatic report generation and distribution.
- Used **Agile methodology (Scrum)** to ensure the new features meet the customer requirements and acceptable quality assurance standards.
- Worked on **Rally** tool for **Agile** development.
- Performance testing using **Load Runner** and **SiteScope**.
- Re-tested fixed bugs and closed or re-opened defects in **Jira** tool.
- Checking in the code after successful review in to **Git** and actively involved in **Pull Request (PR)** review process.
- Created, configured and maintained **Jenkins** to implement the CI process and integrated the tool with **Maven** to schedule the builds.

Environment : Java, Selenium WebDriver, TestNG, Junit, Mockito, Hibernate, Cucumber, Gherkin, Appium, Maven, Jenkins, Rally, Splunk, Log4j, IntelliJ, LoadRunner, Jira, Confluence, SOUPUI, Git, BDD, TDD, Agile, HTML, JavaScript, AngularJS, Protractor, Jasmine, XML, JSON, XPath, SQL, PLSQL, Oracle, Hive, Hadoop, UNIX, Windows.

SamePage Information Solutions Inc, Fremont, CA Apr 2014 – Jun 2016
Role: Software QA Engineer

Description:
Framework was designed in the way to get the test data from the External Source excel file and any changes in application we need to update the locater in an action script. For each failure and success we will take a screenshot.

Responsibilities:
- Closely worked with **product team, designers and developers** to ensure application development meets requirements & user's expectations.
- Geared up the **functional test cases** using test design techniques data validation concepts **Equivalence partitioning, boundary value analysis**.
- Conducted **UI testing, Functional testing, Regression testing**, and verified the results with expected results using **Traceability Matrix**.
- Assessed & analyzed **user stories, Business Requirements, Functional Requirements**, and participated in **sprint planning, Review sessions & Scrum Meetings**.
- Developed **Test Scripts, Test Cases, and Test Data** as per requirements and automated them using **Selenium**.
- **Conscientious for implementation of Hybrid Test Automation Framework, Page Object Model** using **Selenium Web Driver, TestNG, Junit, Jenkins, GIT, Maven and Java**.
- Testing in web-development utilizing **XML, HTTP, HTML5, CSS3, JSON**, and strong programming understanding of **JavaScript**.

- **Concerned in designing of Automation Test cases using Selenium Web Driver, Java, TestNG, and Maven.**
- Expertise in **Selenium Grid** to run test cases in **multiple browsers and Platforms (Cross- Platform)**.
- **Developed and deployed test Load scripts to do end to end performance testing using JMeter**
- Prepared test data document and Involved in generation of bug and test case execution reports.
- Coordinated with developers and record defects in **JIRA** to track until they are resolved.
- Involved in testing both **SOAPUI and Restful services** using **Rest Assured** and tested both **XML and JSON** formats. Involved in writing **SQL Queries** for backend and database testing.
- Used **BDD framework with Cucumber, Java and created future files with scenario and scenario outline files.** Used web-debugging tools like **XPath, Firebug and Fire path to locate elements**.
- Strong experience with **SOA architecture** which include **Soap and Restful Web Services** Testing.
- Performed functional testing, regression testing and integration testing for every sprint deployment.
- Performed regression testing every time the code was modified. Built and maintained regression test suites in **JIRA** for every sprint deployment.
- Used **GITHUB** as a Version control system for continuous Deployment.
- Maintained all the regression test sets in sync with the current application.
- Prepared manual & function test cases on web applications.

Environment: Java, Selenium IDE/Webdriver, JavaScript ,Git, Firebug ,SQL, Jira, TestNG, Oracle, Jenkins, JMeter, Cucumber, Soap UI, Restful, Windows.

UBN Qtech Solutions Pvt Ltd, Hyderabad, India Jan 2012 – Mar 2014
Role: QA Engineer

Description:
The project involved in testing an e-commerce website for internal organization and business team to consolidate and store customer entity database including storing customer's personal details, other related transactions, and system performance details.

Responsibilities:
- Developed test code in **Java** language using **Eclipse IDE** and **TestNG** framework.
- Involved in Designing & developing **Data Driven Framework** using **Selenium Web Driver, TestNG** and implemented **Java Mail** to send the regression result automatically.
- Involved in creating automation test suites for **SOAP** web services regression testing in **SoapUI.**
- Involved in executing **SQL queries** and **PL/SQL procedures**, **functions** and **packages** for backend testing using **JDBC**.
- Understanding different components of application from the business requirements.
- Worked closely with fulfillment development team in the application lifecycle to clarify and refine business and functional requirements for our ecommerce department.
- Maintained end - end test automation including **Maven, Jenkins** based Build& CI systems for QA.
- Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
- Worked on **Git** as source code repository to store automation scripts.
- Followed **Agile** methodology, actively attended daily standup meetings.
- Worked on **Jmeter** for performance testing.
- Logged and managed defects using **Quality Center/ALM** defect management tool.

Environment: Java, Selenium IDE, Selenium WebDriver, TestNG, PL/SQL, Jmeter, Quality Center, Jenkins, Git, Maven, XPath, XML, SOAP, SOAPUI, TDD, SQL server, UNIX, Eclipse