

Name: Awnish Kumar Singh
Email: singhawnish19@gmail.com
Phone: 8409248110

Summary:

3.6 years of strong working experience in the IT industry as a **SoftwareQA Engineer** for Web based and Client/Server applications playing a major role in test planning, test development, test execution and test methodologies. Participated in complete **Software Development Life Cycle**. Verified data through **SQL** queries for Backend testing. Experienced in testing Eligibility System. Development experience using tools like Eclipse. Hands-on experience in Unit testing, Integration Testing, System Testing, Functional and Automation Testing using various testing methodologies and tools like JUnit.

- In-Depth knowledge of **Software Development Life Cycle (SDLC)**, **Software Testing Life Cycle**, **Defect Life Cycle** and different types of testing.
- Experienced in Domain (Health, Banking, E-Commerce).
- Gather and analyze the requirements, design, develop, implement automated testing and integrate the test scenario automation and manual testing procedures per the guidelines and schedules stated in the **Software Development Life Cycle (SDLC)** plan created for each project.
- Proficient in testing methodologies and test metrics.
- Proficient in documenting and executing test plans and test cases/test scripts for manual and automated testing.
- Project status meetings, Brain storming sessions, identifying requirements, walkthroughs and inspection reviews
- Performed test plan preparation, test case designing, test case review, test case execution and reporting.
- Gained vast experience in **functional, integration, regression, system, GUI, backend, Mobile Application**.
- Develop test scripts for parsing, creating and processing flat files and json data files.
- Created reusable methods for feasibility and re-usability of code using Java programming, WebDriver Methods, Element Locators, TestNG annotations.
- Improvements system performance for automated test scenarios execution by removing redundant methods and using reusable methods developed in JAVA, JavaScript, Python, C#.
- Experience in maintaining the Selenium and JAVA automation code and resources in source controls like GIT over the time for improvements and addition of new features.
- Configured **Selenium WEBDRIVER** and **Appium** worked in creation of **JUnit, TestNG, BDD, Nunit scripts**.
- Experience in Performing Functionality, GUI, Regression, Integration, System, User Acceptance, Performance, End-to-End, browser compatibility testing considering application compatibility on various operating systems.
- Experienced in generation of Test cases for web applications using **Selenium and Junit, TestNG, Maven, Jenkins, Git, jira, TFS, Appium, TestComplete, RestAPI**.
- Good knowledge and experience with **TDD** and **BDD frameworks**.
- Documenting test documents using MS Office tools – Word, Excel, and PowerPoint.
- Experience in **bug tracking system(JIRA, TFS)** and process.
- Good exposure to various SDLC models **Agile (Scrum)**.
- Experienced in common approach for **Cross Platform/Cross Browser Testing**, Building and Maintaining a **Selenium Regression test suite**
- Highly motivated team player with excellent communication, analytical and problem-solving skills.
- Ability to quickly master new concepts, strong aptitude towards learning new technologies and sharing ideas.

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TECHNICAL SKILLS	
Databases	MySQL
Language	JAVA, PYTHON, C#, JAVASCRIPT
TOOLS	Appium, TDD, BDD, RestAPI, TestNG, TestComplete, Nunit, Selenium
BUG Tracking and Test execution tracking tool	JIRA, TFS
Version Control	GIT
IDE/Automation Tools	Eclipse, VisualStudio, TestComplete
Application Servers	Microsoft Visual TFS.
Protocols	HTTP, HTTPS, FTP, TCP/IP
Packages Methodology & Other	MS Office, Photoshop, Flash, UML, Agile, CRISP-DM techniques, Waterfall model, Spiral model
Testing	Functional Testing, Black box testing, White box testing, Unit testing, System Integration testing (SIT), Regression testing, GUI testing, Manual, Automated testing, Functional testing, User Acceptance testing (UAT), Backend Testing, Soap UI testing, Batch job Testing (Batch Process), Juice Box testing (Batch Process), Database testing, Release testing, Web Services testing, Web testing, Selenium testing.

PROFESSIONAL EXPERIENCE:

Company: Beawel Tech Private Limited

May 2020 – Present

Project: Indiana Eligibility Determination Services System (IEDSS)

Role: Software Quality Assurance Test Engineer

Description:

The Indiana Eligibility Determination Services System (IEDSS) application is a custom web-based portal Solution that must be accessible by external applicants, social service agencies, caseworkers and integrated with approved support tools to support State and county staff, processing and communication to the various related State and federal systems. The Federal and State of Indiana programs in the scope of the IEDSS. The State of Indiana's Family and Social Services Administration (FSSA) enhance the way that administer and deliver services to the Hoosiers that need assistance from the government to subsidize medical costs, purchase food and other expenses until they can gain self-sufficiency.

Parallel testing is comparing the Eligibility Determination Results between IEDSS and ICES (Legacy System). Indiana wants to migrate their ICES system to a new IEDSS system with added counties. So, parallel testing is about converting the data from ICES to IEDSS and deliver the quality product where the State of Indiana's Family and Social Services Administration (FSSA) enhance the way that administer and deliver services to the Hoosiers that need assistance from the government to subsidize medical costs, purchase food and other expenses until they can gain self-sufficiency even after converting.

Key Responsibilities:

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- Gather and analyze the requirements, design, develop, implement automated testing and integrate the test scenarios automation and manual testing procedures per the guidelines and schedules stated in the **Software Development Lifecycle (SDLC)** plan created for each project.
- Develop **Java Object repository** for IEDSS web application using firebug.
- Analyze and create use cases, detail system designs for the purposes of developing testing scenarios and test scripts/cases.
- Created reusable methods for feasibility and re-usability of code using **Java programming, WebDriver Methods, Element Locators, TestNG** annotations.
- Improvements system performance for automated test scenarios execution by removing redundant methods and using reusable methods developed in **JAVA**.
- Maintain the Selenium and **JAVA automation** code and resources in source controls like GIT over the time for improvements and addition of new features.
- Develop **data driven framework using Apache libraries** for Excel data reads, Excel test data manipulation and Created Excel custom methods for data manipulation.
- Perform Functionality, GUI, Regression, Integration, System, User Acceptance, Performance, End-to-End, browser compatibility testing considering application compatibility on various operating systems.
- Integral part of **Parallel Testing** Initiative.
- Performed Test and Defect Management in JIRA.
- Involved in Conversion testing, analyzing the data and testing the data coming from Legacy system to IEDSS.
- Experienced in testing Indiana Eligibility System (Health, Food and Cash benefits for needy people).
- **Defect management** and **defect discussion** with the functional and development team.
- Involved in Web Driver Data Driven Testing using **Eclipse** for reading and writing data from/to Excel sheets.
- Participating in project status meeting, Brain storming sessions, identifying requirements, walkthrough and inspection reviews.
- Provide daily and weekly reports and send it to clients and stakeholder, attend client meetings to discuss Automation and Manual testing activities.
- Coordinated with developers, discussed the issues, and closed the bugs.

Project : China Eastern Airline (SPG)
Role: QA Tester

Dec 2019 – April 2020

Description:

The purpose of this project is to allow SPG members to transfer their Star points to China Eastern Airlines, as well as earn miles with promotions and via Airline Direct Deposit with China Eastern Airlines' loyalty program. Once transferred, these points or miles can be used to book flights, etc. with China Eastern Airlines. We currently have similar partnerships with over 40 other Airline loyalty programs.

Key Responsibilities:

- Identifying features for the regression testing and performed Regression Testing
- Preparing regression suite for the automation by segregating the test cases to be automated around 70% from the **Zephyr** manual regression test suite.
- Converting manual test cases into test scripts using **TestComplete** with **JavaScript**
- Configured **TestComplete**, JavaScript automation projects and developed page object model (**POM**).

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- Test Script Review.
- Developing Navigation script.
- Executing the test scripts, analyzing the results and updating the status.
- Developed Framework from Scratch.

Project : Starwood Preferred Guest (SPG).
Role:QA Tester

March 2019 – Oct 2019

Description:

SPG is an online application used by Guests. The main purpose is to provide Rooms availability and booking hotels with cash and points for its SPG (special preferred guest) members and hence reduce the call time. Also helps to transfer points from member to member and points transfer to airline miles. This application works in 9 international languages.

Worked for 17 Maintenance releases, 4 Capital projects and 1 mobile application (Passbook) testing related to SPG (Starwood Preferred Guest) and responsible for all Test deliverables. Worked as a SME (Subject Matter Expert) for SPG application.

Key Responsibilities:

- Identifying features for the regression testing and performed Regression Testing
- Preparing regression suite for the automation from the manual regression test suite.
- Converting manual test cases into test scripts using Selenium WebDriver.
- Configured **Pytest, Python** automation projects and developed page object model (**POM**).
- Involved in the preparation of **Framework** design.
- Test Script Review.
- Developing Navigation script.
- Executing the test scripts, analyzing the results and updating the status.

Project : Guest Communication (GC)
Role: QA Tester

Jan 2018 – Feb 2019

Description:

Guest Communication is a Starguest application in Starwood, which provides communication to the preferred customers about the offers that are available in a daily basis. There are 30 different types of Offers in the Guest Communication application.

Key Responsibilities:

- Identifying features for the regression testing and performed Regression Testing
- Converting manual test cases into test scripts using Appium, C# and Nunit.
- Configured **APIUM**, C# automation projects and developed page object model (**POM**).
- Preparing test script for **Android**(.apk) and **iPhone**(.ipa) both platform in single script .
- Test Script Review.
- Developing Navigation script.
- Executing the test scripts, analyzing the results and updating the status.

EDUCATION:

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- **Master of Arts(Psychology), V.K.S.U Ara 2015/2017**
- **Bachelor of Arts(Psychology), V.K.S.U Ara 2012/2015**

References will be providing upon Request