**Binit Sthapit**

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**Professional Summary**

* With **5+ years** of experience in the IT industry as Quality Analyst and Engineer with Web Applications, Web Services, API’s, Software testing life cycle **(STLC)**.
* Excellent experience in Quality Analysis with a strong understanding of Software Development Life Cycle **(SDLC)** and object-oriented methodologies.
* Proven ability in designing and creating automation frameworks for J2EE based applications using **C#, Java, JUnit/ TestNG, Selenium WebDriver/IDE/Grid, Maven, SOAPUI, Cucumber, and Jenkins.**
* Good Knowledge in Test Management and Testing Lifecycle Methodologies like **Agile Models**, and **Waterfall**.
* Experience in Using **Quality Center** extensively for Establishing **Traceability to Requirements, Test Cases, Bug Tracking and Reporting**.
* **Experience in testing Web Services** using **SoapUI.**
* Experienced in developing descriptive programming, function library, recovery scenario using VB Script in **UFT**/**QuickTest Professional (QTP)**
* Experience in **Automation**, **Integration**, **Smoke**, **Regression**, **System**, **GUI**, **Ad Hoc**, **Incident**, **Recovery**, **Cross Browser**, and **Compatibility** Testing.
* Developed and implemented automated scripts for testing web-based applications using **C#**, **Java**, **Eclipse,** **Visual Studio**, **Nuget**, **NUnit, JUnit, Specflow,** and **Selenium Webdriver**.
* Extensively worked on **BDD** based framework using tools like **Specflow**, **Cucumber**, **Java**, and **C#.**
* Expert in integrating Automation scripts **(Selenium WebDriver API)** on Continuous Integration tools **Jenkins** for the nightly batch run of the Script.
* Proficient in using **SoapUI/Postman** for testing **Web Services/API** and used various types of assertions such as soap fault, Contains, XPath, etc.
* Experienced in performing **Mobile** testing by developing and executing test scripts for both Android and iOS platforms using **Appium**, **Espresso**, **JAVA**, **TestNG** and **Maven**.
* Well versed in different management scenarios like **Change Control, Quality Assurance, Defect Tracking, System Integration, and Task Scheduling.**
* Testing the Functionalities using **Black Box testing technique**. Excellent knowledge and working experience in test execution and test results analysis.
* Experience in writing and executing **SQL** queries on databases for backend testing.
* Excellent skills in written and verbal communication with the client, project manager, and developers.
* Possess strong technical aptitude with strong analytical, problem-solving and communication skills.
* Excellent interpersonal skills, proven team player with an analytical bent to problem-solving and delivering under a high-stress environment.

**Technical Skills**

| **Testing Tools** | Selenium WebDriver, JUnit, TestNG, QTP, HP Quality Center/ALM, Postman, Soap UI, Specflow, Cucumber, TFS, Jira, Appium  |
| --- | --- |
| **Languages** | C#, Java, HTML, CSS, XML, SQL |
| **Web Debugging Tool** | XPath, Fire Path, Firebug |
| **IDE and Tools** | Visual Studio, Eclipse, IntelliJ, SSMS, Maven |
| **Continuous Integration Tools** | Jenkins, Bamboo |
| **Methodologies** | Agile-Scrum, Waterfall, TDD, BDD, DDD |
| **Defect Tracking Tools** | TFS, Jira, Quality Center |
| **Databases** | SQL Server, MS Access, My SQL, Oracle |
| **Operating Systems** | Windows, UNIX, LINUX |

**Professional Summary:**

**Progressive Insurance, Mayfeild,OH October 2020- Present**

**Role: QA Automation Engineer/ SDET**

**Roles and Responsibilities:**

* Attended daily scrum meetings to discuss the product backlog and estimate the sprint.
* Worked in Agile/Scrum methods for testing approach and created a Test Plan for different Sprints and Stories.
* Actively involved in all stages of the **STLC** (Software Testing Life Cycle) and **SDLC** (Software Development Life Cycle).
* Maintained and created Requirement Traceability Matrix (**RTM**) to ensure that all the requirements are covered.
* Experience in automating **API** Testing with **Postman** to validate the response based on status code and response body.
* Used **Jenkins** to implement continuous integration and Continuous deployment processes.
* Experience in troubleshooting the build issues during and post **Jenkins** build process.
* Involved in System Testing, Positive Testing, Negative Testing, and Regression Testing and Verified data integration using **SQL**.
* Created Automation Testing **Framework** for **Android Application Testing** with **Espresso** and **Java**.
* Implemented Test automation scripts for **mobile** testing using Appium for Android and iOS applications.
* Good experience in **mobile** testing using **Appium** in both **IOS** and **Android** applications using simulator and **emulator**.
* Identified **mobile** elements using **Appium** Inspector, **UI** Automator Viewer .
* Developed automation scripts for **Mobile Native** applications on **iOS** and **Android** platforms using Appium and **Java**.
* Involved in **Building** and testing **mobile** apps using **Xcode** or **Android Studio.**
* Analyze client-server issues in **mobile** and web apps using **Charles Proxy** and **Web inspector.**
* Developing automated test scripts for **iOS** devices using **Appium**, and **UI** Automation/**XCUI** test **Java** to optimize testing process and quality.
* Performed functional, regression, usability, **GUI**, performance, and recoverability testing of weekly builds on **mobile** devices and **Xcode iOS simulators**
* Used Jenkins tool for continuous integration **(CI/CD)** of the builds.
* Experience in testing Web services/**REST AP**Is using **Postman** and **Java** for automation.
* Experience in creating an automation framework using the **Page Object Model (POM),** Behavior Driven Testing, and Data Driven Testing.
* Created Test Automation Framework with **Cucumber, Cypress,** and **Selenium** WebDriver.
* Implemented **BDD** through **Cucumber** and created feature Files using **Gherkin** and step definition using **Cucumber**.
* Experienced in implementing **Page Object Model (POM)** Automation framework with **Java, Selenium Web driver** and **Cucumber**.
* Experienced in using **Jira** for logging, tracking and reporting bugs in the application
* Involved in extensive data validation, back-end testing and querying the database using **SQL** queries.
* Experience in figuring out various error handling strategies to be adopted during data migration to cloud.
* Created the Data Driven Framework for the Test Automation and wrote **Groovy Scripts** to validate the test cases using SOAPUI.
* Configured and used **JDBC** connection in order to retrieve test data from database.

Performed Data driven testing using **Selenium** WebDriver**, JUnit** and **JDBC Connections**.

* Extensively used **Java OOP** concepts for developing Automation Frameworks using Eclipse, Selenium WebDriver and **TestNG/JUnit**.
* Designed and developed automated solutions to test **API’s**, database components and web applications.
* Experienced in creating Queries to get data from Tables using **Oracle** databases.
* Created reusable components and services to consume **REST API'**s using Component based architecture.
* Participated in defect review meetings with the team members, coordinated with offshore teams provided written status reports of testing.

Environment: Cucumber, Selenium WebDriver, Java, JMeter, JUnit, Eclipse, Groovy, Web Services/API, Postman, Android Studio, Appium, Jenkins, GIT, SQL Server, HTML, XML, MS Office, MS Excel.

**Client: Pfizer, New York, NY February 2019 – September 2020**

**Role: QA Automation Engineer**

**Roles and Responsibilities:**

* Performed Functional Testing, Integration Testing, Regression Testing, System testing, Smoke Testing, black box testing and Compatibility Testing at various phases of the development and test cycles.
* Involved in all phases of Software Development Life Cycle. (**SDLC**) and worked with Agile methodology.
* Designed and developed Hybrid Framework using. **Net, C#** and **NUnit.**
* Worked on different kinds of Web Element locators like ID, Name, CSS Selector, Xpath for identifying the fields.
* Performed Selenium automation using **Selenium Web Driver** and **Selenium IDE.**
* Creating test scripts using **C#** and **Selenium Web Driver** for the functional test cases.
* Created Project, Test Suites, Test Cases and Test Steps in **SOAPUI** Tools and Validated the Response **XML** file
* Experience in developing the **RESTful** Web Services using Web API like **HTTP** verbs for **CRUD** operations.
* Performed **API** Level testing for web services and developed many Test suites using **XML**.
* Designed and developed **BDD/TDD/ATDD** framework by using the **SpecFlow** and added Scenarios in features files, Step Definitions.
* Performed Unit Testing of the application by using **NUnit**.
* Developed Automation scripts in Microsoft **Visual Studio** and used **NUnit** framework
* Developed automation Framework for **SOAP** and **REST** and tested APIs using Restful **API, UFT API**, **SoapUI** and **Postman**.
* Defect Detection, Reporting and Tracking using **Team Foundation Server (TFS)** & Participated in Bug-Review meetings
* Created automated script for **REST-API** testing using **HTTP** Client library.
* Experience in designing Test Plans and Test Cases, Verifying and Validating Web based applications.
* Experience in collaborating with other **DevOps** engineers to maintain a deployment and management through **Jenkins pipeline**.
* Experience on Writing **SQL** queries to extract data from various source tables to perform database testing.
* Performed End to End testing using **GUI** Testing for front end and **SQL** Queries for backend testing.

Environment: AGILE, C#, Visual Studio, Postman, SQL, SOAPUI, My SQL, API, Selenium Web Driver, TFS, Azure Devops, .NET

**TD Bank, Cherry Hill, NJ April 2017 - January 2019**

**Automation Quality Analyst**

**Responsibilities:**

* Interacted with the Business Clients, Product Owners, Developers and QA Manager for clear exposure to trickle down the technical/functional User Requirements & Change Requests to Test Plans and Test Scenarios.
* Identified test cases to automate then tested these cases using **Selenium WebDriver**, **TestNG** and **Java** technologies **(IntelliJ IDE)**. Contributed to framework creation.
* Perform Functional Testing, Regression Testing, and System Integration testing, **(UAT)** User Acceptance testing and End to End Testing.
* Tested the application in a highly dynamic environment with a sprint team using Agile methodology.
* Responsible for creating the functional testing framework using **TestNG** and using **Selenium** **WebDriver** to automate the **UI** components.
* Automated the Test cases using **Selenium** for Regression testing and **TestNG** for grouping the tests.
* Used **Cucumber** for Behavior Driven Development **(BDD)** based framework.
* Involved in testing **REST** **services** using **Postman** and tested **JSON** formats data.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application & **GUI** and in the testing environment using **Selenium WebDriver**.
* Used **Selenium WebDriver API** to automate tests on the cross-browser and cross-platform environment.
* Integrated Automation scripts (**Selenium WebDriver API**) on Continuous Integration tools **Jenkins** for a nightly batch run of the Script.
* Wrote **Gherkin** language test case scenarios using **Cucumber**.
* Configured S**elenium WebDriver, TestNG, Maven** tool and created **Selenium** automation scripts in java using **TestNG** prior to agile release.
* Experience on working **Cypress** for angular application end to end testing.
* Involved in performing **UI** and **API** testing using **Cypress** and created a framework from scratch.
* Performed Unit testing with **TestNG** framework.
* Used Build tools like **Maven** to generate test reports.
* Performed **data-driven** **testing** by using **JDBC** as a data source in **SOAPUI** and configured **SQL** queries to fetch data from the **Oracle** database.
* Executed Test Cases recorded in **Jira** manually to test the application for its functionality, system integration and verify the Exit Criteria.
* Involved with **SDLC** models, waterfall and **AGILE** Methodology projects (Scrum and XP).
* Actively participated in walk-through, inspection, review and user group meetings for quality assurance with BAs, SMEs, and Developers.

**Environment:** Java, Selenium WebDriver, Cucumber, Jenkins, TestNG, Maven, SOAPUI, IntelliJ IDE, Jira, Agile, Oracle 11g, Windows

**Cardinal Financial, Dallas, TX     June 2016- March 2017**

**QA Tester**

**Responsibilities:**

* Created and maintained test plans, testing schedule and report defects using **Quality Center (QC)**.
* Executed and debugged the Automated Scripts and conducted Peer Reviews using QTP.
* Executed Manual **Test Cases** by using **positive** and **negative** data inputs. Reported results and defects in the Test Director.
* Manually tested the whole application before going for the automated testing.
* Executed manual test cases and verified actual results with expected results.
* Created automated test scripts by modifying the existing functions.
* Conducted **regression tes**t, by using the automated scripts for **QTP**.
* Reviewed and followed-up for the Sign-off on the Test Cases/Test Scripts documents.
* Executed **SQL** Queries using SQL Server and SQL Developer.
* Tracked and prepared a report of testing activities like **test case** coverage, required resources, defects discovered and their status, testing results and performance baselines etc.
* Performed background testing in a **UNIX** environment.
* Designed Test cases as per Test Plan and executed them as appropriate.
* Handled High severity issues on priority.

**Environment:** Windows, QTP, Quality Center, SQL Server, Agile Methodology (Scrum/Sprint)