**SUMMARY:**

* **AUTOMATION TESTER**, **SDET Tester**(Software Development Engineer in Test) with around6+ years of experience in all phases of Software Design, Development and Testing with emphasis on Quality Assurance.
* Strong knowledge of the Software Development Life Cycle (SDLC).Extensive knowledge of QA Standards methodology, QA framework, and QA process
* Strong analytical and QA testing skills, capacity for work and diagnostic ability, gathering different kind of project requirements.
* Created test Plans, Test Scenarios, Test Cases according to Business, Functional and User Requirement Specifications and Writing Test Scripts and Reports.
* Participated in bug meetings with developers to validate the severity of the bug. Manually retested the application for smoke testing and regression testing. Experience in Black box testing and White box testing.
* Good experience in Selenium Test Environment setup expert using the entire open source tools. Excellent knowledge in writing unique XPath using firebug and fire path to identify web elements.
* Involved in regression testing, system testing, integration testing, smoke testing, performance volume, stress, and ad-hoc testing.
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as Selenium RC/WebDriver/IDE/Grid, and JUnit/TestNG, Load Runner, HP ALM/ Quality Center, **JavaScript,**JMeter, JIRA, SOAPUI, Cucumber with Gherkin.
* Knowledge of Test Design Patterns like Page Object Pattern and Page Factory Pattern.
* Knowledge of XML, XML Schema, XPath, Apache POI library.
* Knowledge of **Web Services** testing with SoapUI.
* Knowledge in Automation Framework like Hybrid, Data Driven and Keyword driven.
* Experience in testing using JUnit, TestNG.
* Experience in Database technologies such as Oracle, MS **SQL** and **MySQL.**
* Hands on experience on the development tools; Eclipse, IntelliJ, JDeveloper. Hands on experience on the Version Control tools such as GIT, SVN and CVS.
* Hands on experience on containerization with Docker.
* Hands on experience of continuous integration with Jenkins.
* Strong skills in Back-End testing using **SQL** queries generating reports to ensure data integrity.
* Worked on Windows, Linux, MAC OS X environment.
* Good debugging and problem solving skills with excellent understanding of system testing methodologies, techniques and tools.
* Experience in refactoring and enhancing existing code.
* Excellent analytical, problem solving, communication skills and a team player.

**Technical Skills:**

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| **Languages** | | Java, JEE, C, C++ | |
| **Java Technologies** | | JSP, JSTL, Servlets, JSF, JDBC, Log4j, Struts, Spring MVC, Hibernate, Selenium | |
| **Methodology** | | Waterfall, Agile | |
| **Design Patterns** | | MVC, Business Delegates, Business Objects, Transfer Objects, Singleton, Front Controller, Dependency Injection, Composite View | |
| **Wwewewewewebtechonoload Web Technologies** | | HTML, CSS, XHTML, XML, JavaScript | |
| **Framework** | Hibernate, JavaScript, JSF, JSP , Struts, SpringMVC, POM, DataDriven, Keyword Driven, Hybrid, Page Object Model (POM), Data Driven Framework, Keyword Driven Framework, Hybrid Framework, and Behavior Driven Testing using Cucumber Framework | |
| **Testing and Logging Tools** | JUnit,TestNG, Mokito,Log4j | |
| **Development Tools & IDE** | Eclipse, JDeveloper, IntelliJ,MySQL Workbench, SQL Developer | |
| **Database Technologies** | SQL Server, MySQL, Oracle, DB2, | |
| **Web and Application Server** | WebSphere, Weblogic, JBoss, Tomcat | |
| **Operating System** | Windows, Linux, MacOS X | |

**PROFESSIONAL EXPERIENCE:**

**SunTrust Mortgage, Virginia, VA Feb 2015- Present**

**Automation Tester**

# SunTrust Banks, Inc., is one of the nation’s largest and strongest financial services companies. They offer a full suite of products and services designed to meet the needs of consumer, business, corporate and institutional clients. Through its various subsidiaries, the company provides mortgage banking, asset management, securities brokerage, and capital market services. It’s Mortgage application is designed basically to emphasis on integrating functionality and smooth delivery of mortgage application throughout the home mortgage Brokers and borrowers. I was involved in Selenium (data-driven, XPath locator). I was also responsible for implementation of Hybrid Test Automation Framework build using Java/J2EE, **JavaScript**, Cucumber, Selenium, TestNG and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.

**Responsibilities**

* Responsible for designing test cases and executing them within an AGILE software development SCRUM environment.
* Reviewed and Created Project Assessment, Project Plan, Business Process Requirements, Technical Requirements, Test Specifications, Test Results, and Test Results.
* Developed automated scripts for performing Regression Testing through Selenium Web Driver.
* Implemented Page Object Model Automation framework with Java, **JavaScript** and Selenium Web Driver.
* Extensively used Selenium (data-driven, XPath locator) and Web Driver to test the web application.
* Used Cucumber for the entire regression testing and functional testing with selenium as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Developed Hybrid Test Framework using Selenium WebDriver, Maven, Cucumber and TestNG.
* Used Base Camp tool to keep track of project discussions, files and events from beginning to end.  Perform acceptance testing using Cucumber.
* Conducted **XML validation** and **API testing** using for **Web ServicesSOAP UI.**
* Responsible for implementation of Hybrid Test Automation Framework build using Selenium, TestNG and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Developed Test Cases for Deployment Verification, **ETL Data Validation**, Cube Testing and Report testing.
* Ran workflow monitor to monitor job and workflow manager to run the job in Informatica .In case of error in **ETL** job, used to record log failure details and report it to developer in order to debug the defect.
* Extensively tested PL/SQL batch processes, PL/SQL programs - Packages, Functions, Stored Procedures, Collections, Cursors, and Triggers.
* Executed batch processing and verified jobs status and data in database tables
* Extensively used selenium IDE to record, playback and debug individual test cases, using Selenium Web Driver provided more flexibility in automating test cases.
* Created Selenium /java tests for advertising regression testing and production monitoring purposes.
* Used Maven for building the Web Driver project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium WebDriver with TestNG.
* Designed and developed User defined functions, Generic functions with Cucumber, Selenium/WebDriver and Java, **JavaScript**programming.
* Ran workflow monitor to monitor job and workflow manager to run the job in Informatica .In case of error in **ETL** job, used to record log failure details and report it to developer in order to debug the defect.
* Installed and configured Selenium as per the requirements of the client following the procedure.
* Responsible for setting up of Eclipse,TestNG and Maven for development and execution.
* Used Selenium WebDriver and Selenium framework (Page Object Model) to automate functional testing of GUI.
* Wrote **SQL** query to perform data validation and verification.
* Attended walkthroughs and review meetings to design the application with Business analysts, development teams and Operations.
* Reviewed extensive **SQL Queries** with complex multi-table joins and nested queries.
* Involved in reviewing **complex SQL** queries, views, functions and stored procedures and spotting issues before/during code migration.
* Reviewed user requirements and provided direction in the identification of problem and potential resolution.
* Created TestNG framework to run automated GUI tests and Maven to build the project.
* Developed, implemented and maintained reusable custom method/functions using Selenium WebDriver.
* Implemented Continuous delivery with Jenkins to commit to GitHub branch as well as delivery of XLST report.
* Developed and maintained Selenium Web Driver test scripts for functional and regression testing including dynamic parameterization using excel spreadsheets.
* Performed cross-browser testing across different Operating systems using Selenium Headless browser and Selenium Grid.

**Environment**: **Selenium   Web Driver, Cucumber**, **ETL**, TestNG, Black box testing, SVN,Git /GitHub Maven, Jenkins, ETL, **Informatica**, Selenium  Grid, HTML5, **WebServices**, XML, JIRA, HP ALM , **JavaScript,** Agile

**PNC Bank, Pittsburgh, PA  Aug 2013- Dec 2014**

**Automation Tester**

PNC Bank offers personal retain banking and credit card services to customers in the United States. The project scope involved System testing of the Online Banking web application, which allows the customer to access the accounts and administer their various Checking and Saving Accounts. The application also enables customers to check all Account Summaries including balances, last deposits, transaction history etc. It also allows customers to perform Fund Transfers online. The project involved the enhancements made to the Account Access application which provides the Account Summary (balances, last deposits, etc.) for various accounts and ability to transfer the funds between the various accounts using Fund Transfers. The user can change the account options such as PIN and disable or enable the ability to transfer the funds between accounts.

**Responsibilities**

* Gather business requirements, study the application and collect the required information from developers, and business.
* Used **Cucumber** for the entire regression testing and functional testing with **Selenium** as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Developed Hybrid Test Framework using **Cucumber**, **Selenium Webdriver**, Maven and TestNG.
* Developed selenium scripts in **TestNG** for parameterization using DataProvider annotation.
* Used Base Camp tool to keep track of project discussions, files and events from beginning to end.  Perform acceptance testing using **Cucumber.**
* Used **Application life cycle management(ALM)** for design test plan, test cases development, test cases executions and for Defect Management
* Involved in writing **SQL** statements to accelerate testing process and extract data from back-end database.
* Developed Test Cases for Deployment Verification**, ETL Data Validation**, Cube Testing and Report testing.
* Conducted weekly batch testing to incorporate changes in new builds.
* Test the validity of the data in the reports using **SQL** on the database.
* Wrote **SQL** queries for data validation
* Manually tested and executed test cases. Assign tasks to other QA team members, submitted weekly Status reports reporting the bug metrics.
* Conducted **XML validation** and **API** testing using for **Web Services** using SOAP UI.
* Perform parameterization of the automated test scripts in **Selenium**  to check how the application performs against multiple sets of data Contributed in developing Automation Framework that uses **JavaScript,Selenium Webdriver and TestNG.**
* Select Test Cases to be automated and perform functional testing of the front end using selenium (IDE and Web Driver) and create a Data Driven framework using **TestNG.**
* Prepare Master Project Plan, Master Test Plan, UAT Test Plans, Test Logs, Test tracks, Test Strategy, Test Scenarios and execution of Test Cases.
* Use Maven as the build tool, GIT for version control, Jenkins for Continuous Integration and JIRA as a defect tracking tool.
* Create Automation framework and building Function Libraries.
* Execute parallel browser testing on various machines using **Selenium Grid** and performed cross browser testing.

**Environment:Selenium , ETL, Informatica, Cucumber**,  **JavaScript,**Web Driver, **WebService**, TestNG, Black box testing, SVN,Git /GitHub Maven, Jenkins, Selenium  Grid, , HTML5, XML, JIRA HP ALM , Bugzilla, HPALM/QC

**Renew Financial, Portland, OR Feb 2011- July 2013**

**Automation Tester**

Renew Financial specializes in innovative financing solutions for energy efficiency, renewable energy, water-saving, and resiliency projects. Their robust and flexible financing options help property owners save resources and money while strengthening local economies and supporting communities in reaching energy and water conservation goals. I was working as Selenium Tester to automate their contractor enrollment. I was involved in selenium  (data-driven, XPath locator) and Web Driver to test the Contractor enrollment web application. I was also responsible for implementation of Hybrid Test Automation Framework build using selenium, TestNG and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.

**Responsibilities:**

* Responsible for designing test cases and executing them within an AGILE software development SCRUM environment.
* Reviewed and Created Project Assessment, Project Plan, Business Process Requirements, Technical Requirements, Test Specifications, Test Results, and Test Results.
* Extensively used **ETL methodology** for supporting data extraction, transformations and loading processing, in a corporate-wide-**ETL Solution** using **ETL** tools like Informatica and Autosys.
* Conducted **Web Services** testing using **SOAP UI.**
* Maintained the Test Scenarios and Test Case documents for **JavaScript** and further enhancements.
* Developed automated scripts for performing Regression Testing through selenium Web Driver. Implemented Page Object Model Automation framework with Java and selenium Web Driver.
* Extensively used **Selenium** (data-driven, XPath locator) and Web Driver to test the web application.
* Responsible for implementation of Hybrid Test Automation Framework build using **Selenium, TestNG and Maven technologies** under Java platform utilizing industry leading harness design patterns and approaches.
* Extensively used selenium IDE to record, playback and debug individual test cases, using selenium Web Driver provided more flexibility in automating test cases.
* Created selenium /java tests for advertising regression testing and production monitoring purposes.
* Performed backend testing for data validation using **SQL** Queries.
* Performed negative and positive testing using **SQL Queries**
* Used Cucumber for the entire regression testing and functional testing with **Selenium** as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Developed Hybrid Test Framework using **Selenium WebDriver**, Maven, **Cucumber** and TestNG.
* Used Base Camp tool to keep track of project discussions, files and events from beginning to end.  Perform acceptance testing using **Cucumber.**
* Used Maven for building the **Web Driver** project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Worked on proof of concept to Automate Functional and Regression Testing using selenium tool.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium WebDriver with TestNG.
* Performed SOA testing for Payments **API's** using SoapUI and **Java** framework for **Web Services** testing.   
  Experience with Assertions like Schema Compliance**, XPath and SOAP** responses.   
  Implemented Regression and Smoke tests execution as separate step of deployment process.
* Worked on regression testing, automation estimation, design and framework. Provided the detailed implementation plan to management.
* Administered and developed custom plugins for the **JIRA instance.**
* Actively involved with scrum and sprint meetings, managing product backlog, removing obstacles to progress, re-allocating resources where necessary, prioritizing and review milestones and accomplishments.

**Environment:Java,ETL,**Informatica, Selenium Web Driver, **WebServices,**SoapUI,**Cucumber**,**JavaScript**, Jenkins, Firefox, Maven, SQL, Eclipse, JIRA, UNIX/ linux, XML, Load Runner, SVN