**Sindhuja K**

**Sr. SDET/QA Engineer**

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Software Development Engineer In Test with over **8+years** of enterprise **software product** **quality assurance** **experience** including planning, implementation, and execution. Excellent at developing **Automation** and **Performance Scripts** using multiple scripting languages. Collaborative and effective communicator and problem solver.

**PROFESSIONAL SUMMARY:**

* Strong knowledge on all phases of **SDLC** and **STLC** life cycles and Strong working knowledge on **Functional, Integration**, **End-to-End** and **Performance testing**.
* Performed **Smoke, Sanity, Regression** and **End-to-End testing** on various applications.
* Experience working in **Agile** methodologies.
* Developed **Automation** Frameworks from scratch. Worked on **Data Driven, Modular** and **Behavior** **Driven Frameworks** and knowledge on Keyword Driven and **Hybrid Models**.
* Expertise in Java and **JavaScript**, **Selenium WebDriver**, and **REST** **Assured**, **Maven**, **Gradle** and **Test** **NG**.
* Created Jenkins builds to **trigger Smoke**, **Sanity** and **Regression** **Tests**. Used **Bitbucket** and **GIT** as repository hosting services.
* Expert in developing Java, **Selenium Web Driver/RC/IDE/GRID** test scripts using **Java**, **JavaScript** and **Test** **Frame works** using **Testing/JUnit**, **ANT/MAVEN** build tools.
* Experience working on **SOAP UI** and **Postman** for **Web services** and **API** testing. Also, Expertise in Amazon Web Services testing.
* Extensive experience in using Automated tools like **Ruby Cucumber** test framework for Client/Server, Web and database applications
* Performed database validations using **SQL queries** based on the requirements.
* Worked extensively on **Siebel** and **Salesforce CRM** applications.
* Developed, executed, and monitored Performance **test scripts** using **HP Load Runner**, **Performance** **Center**, **Dynatrace** and **Kafka** Control Center.
* Good Experience in Creating and Maintaining Server-side Integration Test using **Selenium Web driver**.
* Good at logging and tracking defects using **JIRA, Rally** and **HP Quality Center**.
* Knowledge on **Appium Mobile** **testing** tool.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Methodologies** | Agile/Scrum, Waterfall, SDLC, STLC |
| **Artifacts** | Test Strategy, Test Cases, Test Plan, RTM, Test Summary Report, Bug Report  |
| **Automation Frameworks** | Data Driven, Hybrid, Behavior Driven, Modular, Keyword Driven, Page Object Model, WebDriverIO |
| **Automation Tools** | Selenium WebDriver, TestNG, Cucumber, Log4j |
| **Languages** | Java, JavaScript, C, HTML, XML |
| **Databases** | SQL Developer, PL/SQL Server, DB Visualizer, MySQL |
| **IDE** | Eclipse, IntelliJ, Visual Studio Code |
| **Build and Integration Tools** | Maven, Gradle, GIT, Bitbucket, Jenkins |
| **FTP Clients** | Win SCP, MFTP |
| **Bug Tracking Tools** | JIRA, HP ALM/Quality Center, Rally |

**CERTIFICATIONS:**

* Tricentis Automation Specialist Level 1
* Tricentis Automation Specialist Level 2
* Salesforce CPQ Specialist

**PROFESSIONAL EXPERIENCE:**

**CVS Health, Richardson TX Jul 2021 – Till Date**

**Sr. SDET Engineer**

**Description:** CVS Health is the leading health solutions company, delivering care like no one else can. We reach more people and improve the health of communities across America through our local presence, digital channels and over 300,000 dedicated colleagues – including more than 40,000 physicians, pharmacists, nurses and nurse practitioners.

**Responsibilities:**

* Worked extensively on **WebDriverIO** Automation testing framework using **Cucumber** and **JavaScript** on **Visual Studio** **Code**.
* Created features and step definition files for Bell Call Center Application and executed using NodeJS packages.
* Objects are identified and stored in **MySQL** **Workbench** and integrate with the framework.
* Used **GIT** to pull, push and track changes of the source code.
* Created Jenkins builds for triggering **Smoke, Sanity** and **Regression Suites** on daily/weekly basis.
* **Tested API’s** using **Postman**.
* Develop and enhance Automated test scripts from a scratch for **Functional** and **Regression testing** using **Protactor** and **Cucumber**
* Performed different Call Center testing activities on **Salesforce**.
* Involving in designing and developing **UAT** Regression automation script and Automation of **functional testing** framework for all modules using **Selenium Web** **Driver**.
* Involved in creating Monthly Metrics every alternate sprints.
* Developed and Uploaded **Manual** **Test Cases** in **Rally** as per the **User Stories**.
* Identified and isolated defects and tracked them in Rally.
* Responsible for writing and maintain **Selenium WebDriver** **scripts** for **regression** and **functional** **testing** using data driven framework.
* Involved in **Functional, Integration**, **End-to-End** testing activities in all the environments.
* Actively participated in **QA** team meetings and discussions. Participated in Sprint planning, Grooming, Retrospective and **Daily Scrum meetings** daily.

**Environment:** Salesforce, Postman, Visual Studio Code, Cucumber, JavaScript, WebDriverIO, NodeJS, MySQL, Maven, GIT, Selenium WebDriver, Jenkins, Rally.

**Sirius XM Connected Vehicles, Irving TX Apr 2019 – Jul 2021**

**Sr. SDET Engineer**

**Description:** Sirius XM Holdings Inc. is an American broadcasting corporation headquartered in Midtown Manhattan, New York City that provides satellite radio and online radio services operating in the United States. The company was formed by the 2008 merger of Sirius Satellite Radio and XM Satellite Radio, merging them into SiriusXM Radio.

**Responsibilities:**

* Analyzed Business Protocol Specifications and System Requirement Specifications.
* Developed Behavior Driven Development Automation framework using **Cucumber** and **Java** Programming Language on **IntelliJ** **platform**.
* Created API Features using **REST Assured** and executed the suites using **TestNG**.
* Validated the data created in **AWS** Step Functions, **Dynamo DB** and **S3** **Bucket**.
* Used **GIT** for tracking changes in source code and Bitbucket for code deployments and pull requests.
* Created **Jenkins** builds for triggering **Smoke, Sanity** and **Regression** **Suites** on daily/weekly basis.
* Developed and **Automated** **API’s** in **Postman** for multiple Programs using JavaScript.
* Performed Manual Enrollments from Salesforce, Customer Web Portal, Dealer Portal and Siebel. Used SOAP UI to generate tokens and test Legacy Systems.
* Validated the events triggered from Portals using **Grey/Tibco logs, T3 Bridge/T3 DB, SQL Developer** and Db Visualizer.
* Setup the **Automation framework** using **Selenium** to **run test cases** in multiple browsers and platforms
* Worked on creating, dropping Factory Feeds and Shipping Feeds in Win **SCP** tool and tracked the data generated in Databases.
* Write **BDD** (Behavior Driven Development) tests using **Cucumber** and **JavaScript**
* Involved in developing **Test Plan** Document and attended Internal Review Meetings for **Test Plan** Review in every sprint.
* Developed test scripts with **Ruby-Selenium** to automate browser and web applications under **Cucumber** (**BDD**) Framework.
* Developed and Uploaded **Manual Test Cases** to **HP ALM** as per the **JIRA** Stories.
* Identified and isolated defects and tracked them through **JIRA**.
* Involved in Production Support for every **Sprint** Release.
* Worked on Integration of **Selenium RC/WebDriver** with existing **API** to test Framework.
* Actively participated in QA team meetings and discussions. Participated in Sprint planning, Grooming, Retrospective and Daily Standup meetings daily.

**Environment:** Siebel CRM, Salesforce, SQL Developer, DB Visualizer, Win SCP, TIBCO Logs, SOAP UI, Postman, Swagger, Cucumber, REST Assured, Java, JavaScript, TestNG, Gradle, AWS, GIT, Bitbucket, Jenkins, IntelliJ, JIRA, HP ALM.

**MoneyGram, Frisco TX Jan 2018 – Apr 2019**

**Performance Engineer**

**Description**: MoneyGram International, Inc. is an American interstate and international peer-to-peer payments and money transfer company headquartered in Dallas, Texas. It has an operations center in St. Louis Park, Minnesota, and regional and local offices around the world. MoneyGram businesses are divided into two categories: Global Funds Transfers and Financial Paper Products.

**Responsibilities:**

* Analyzed Business **Protocol** Specifications and **System Requirement Specifications**.
* Scheduled meetings with respective teams to get functional knowledge and test data.
* Created load scenarios as per technical requirements for multiple applications.
* Recorded test scripts using VuGenerator, developed those using Correlation and Parameterization concepts and checked into **HP ALM** under **Test Plan.**
* Performed load testing using Performance Center by creating test sets in Test Lab.
* Monitored the **CPU** Consumption, Memory Utilization, Think Time, Garbage Collection parameters of load tests using Dynatrace.
* Monitored Data Streams and Consumer lag using **Kafka** Control Center.
* Used **PL/SQL** Developer to track test results and statistics.
* Test results are baselined, and Reports are shared across the teams.
* Maintained Continuous Interaction with the developers and middleware team to explain the issues on behalf of the performance team.
* Daily Status is sent to the respective teams at the end of the day every day to keep a track on performance effort.
* Identified and isolated software defects and reported them through **JIRA**.
* Actively participated in **QA** team meetings and discussions. Participated in Sprint planning and Agile meetings daily.

**Environment:** VuGenerator, HP Load Runner, Performance Center, Dynatrace, Kafka Control Center, Putty, PL/SQL Developer, HP ALM, JIRA.

**UNFI (Formerly Known as SUPERVALU INC.) Eden Prairie** **MN** **Aug 2017 – Dec 2017
QA Automation Engineer**

**Description:** UNFI is a United States grocery retailer and distributor. The corporation is headquartered in Eden Prairie, Minnesota, and has been in business for over a century. It is the Second-largest food retailing company in the United States and ranks #5 worldwide.

**Responsibilities:**

* Analyzed Business **Protocol** Specifications and System Requirement Specifications.
* Developed re-usable code in Data Driven automation framework using Java, **Selenium WebDriver** on **IntelliJ** platform and used Microsoft Excel to input the test data.
* Executed automated tests as **Maven** project using **TestNG**.
* Used Robot class to simulate Keyboard, Mouse Hover Events and used for uploading/downloading the files when using **selenium web driver**.
* Developed and maintained Smoke, Sanity and Regression Automation Suites as per the requirement.
* Used **Postman** to test **API’s** manually.
* Used **GIT** for tracking changes in source code. Performed push, pull and merge operations.
* Used **Bitbucket** for code deployments and pull requests.
* Created and monitored **Jenkins** Jobs.
* Interacted with the respective developers to explain the testing issues on behalf of the automation team.
* Identified and isolated software defects and reported them through **JIRA**.
* Actively participated in **QA** team meetings and discussions. Participated in Sprint planning and Agile meetings daily.

**Environment:** Java, Selenium WebDriver, TestNG, Maven, IntelliJ, Microsoft Excel, Postman, SOAP UI, GIT, Bitbucket, Jenkins, JIRA.

**The Vitamin Shoppe, North Bergen NJ Oct 2016 – Jul 2017**

**QA Analyst
Description:** The Vitamin Shoppe® has been dedicated to helping you become your best self, however you define it. We’ve got vitamins, naturally—but we’re so much more. At VitaminShoppe.com, our VShoppe app, and in over 780 stores across the country, you’ll find a huge assortment of high-quality, cutting-edge supplements, proteins, healthy weight support, aromatherapy, herbs, superfoods, natural beauty products, and more.

**Responsibilities:**

* Analyzed Business **Protocol** Specifications and System Requirement Specifications.
* Developed test code in Java language using **Eclipse IDE** and **TestNG** framework.
* Configured **Selenium** **WebDriver, TestNG, Maven** tool and created Selenium automation scripts in Java using **TestNG** prior to agile release.
* Performed black box testing using **TestNG** for class, method, and **Web Services** testing.
* Involved in Maven configuration for running servers and scripts after the build.
* Involved in preparing a report of all automation difficulties and test results for further application using Maven.
* Integrated Automation scripts in Continuous Integration tools (**Jenkins**) for nightly batch run of the Script. Created Project plan on Jenkins, configured scheduled using Cron job.
* Used web-debugging tools like **XPath**, **Firebug** and **Fire path** to locate elements.
* Tested compatibility of application for dynamic and static content under various cross browsers using **HTML** ids and **XPath** in **Selenium**.
* Performed **Regression** **testing** for new builds and every modification in the application using **Selenium**.
* Used **Selenium WebDriver** to run test cases in multiple browsers and Platforms.
* Performed Data Driven testing by using **JDBC** as a data source in **SOAPUI** and configured **SQL queries** to fetch data from the **Oracle** database.
* Reported software defects in Rally and interacted with the developers to resolve technical issues.
* Performed **Smoke Testing** to make sure all the **Test Channels** and **Test Environment** is working as desired.
* Prepared the data to cover various scenarios and wrote **SQL scripts** to verify the database updates, inserts and deletion of the records.
* Maintained Metrics and participated in the Weekly Status Updates showing the progress of the testing effort and open issues to be resolved.

**Environment:** Selenium WebDriver, Jenkins, Appium, SOAPUI, Maven, TestNG, Rally, Fire path, Firebug, Eclipse, XPath, Java, HTML, CSS, Oracle SQL, and Windows.

**Vensai Technologies, India Jan 2015 – Aug 2015
Software Engineer**

**Responsibilities**:

* Used **Automation** tool **Selenium**.
* Responsible for testing the functional specifications and technical specifications of systems
* Participated in Kick of Meetings with Developers to understand the scope of testing.
* Understanding the Client Requirements and functionality of the system.
* Creation and Execution of test cases as per requirement.
* Involved in preparing the traceability matrix.
* Preparing **Defect Report** and assigning the defects to developer.
* Involved in System and Functional testing.
* Retesting the cases where defect has been raised.
* Maintained all **CMMI** Documents (**Test Plan, Metrics, RTM, Defect Report, Test Summary**)
* Done Performance Testing (**LOAD**, **Stress**, and **Soak**) on Dukhan site using JMeter.

**EDUCATION**:

* Masters in electrical engineering at Wright State University, Dayton, Ohio 2017
* Bachelors in Electronics and Communication Engineering at Sreenidhi Institute of Science and Technology, Hyderabad, India 2015