**Shilpa Ammareddy**

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**214-764-3455**

**Summary:**

* Over 10+ years of diversified experience in the various Web, Mobile environments as a QA Tester and Java Developer.
* Jira and Confluence experience.
* Experience working with 'Anaplan' which is a cloud based platform for data analysis and planning.
* As a Team lead focused to deliver roadmap commitments on-time, on-scope, on-quality. Lead scrum ceremonies to ensure that there is an understanding of the user stories, enabling sizing and task breakdown to occur, and maximizing team productivity.
* Schedule and facilitate all Scrum team ceremonies including release and sprint planning, backlog refinement, daily standups, sprint reviews, and retrospectives in the absence of Scrum Master.
* Remove impediments for the team(s) and escalate issues as appropriate.
* Extensive working Knowledge in Retail Merchandising business Area
* Worked with Scrum Masters to increase effectiveness of Scrum application in the Organization.
* Experience with Blue Yonder's supply chain management software.
* Authored an delivered communication regarding progress and status in Internal and Client meetings.
* 1-2 year’s experience in GCP QA.
* Experienced in developing and maintain overall test methodology and strategy, Documenting Test plans, Test cases and editing, executing Tests cases and Test scripts Using Manual, Analyzed User Requirements and Technical Specifications.
* Created Test plan & Script, Defect Management Templates; Created Initial test plan and developed test cases and test scripts manually.
* Used Quality Center to store all testing results, metrics, created Test Cases, and Reporting.
* Reviewed Business requirements, IT Design documents and prepared Test Plans which involved various Test Cases for all assigned module/projects; Review Test Requirements, Creating Test Plans and Test Strategy documents.
* Experience working with Test Management/Bug Tracking tools like HPALM/Quality Center/Rally/JIRA/Azure Dev Ops, to track test execution progress and prioritize bug fixes.
* Experience with Web Services testing and back-end service/API tools such as SoapUI, HTTP Client, Soap Client and JAXB. Hands on experience accessibility testing (JAWS). Strong working knowledge in Java/JavaScript coding with strong SQL, Groovy Background.
* Involved in UAT testing, Regression Testing and Functional testing.
* Very good working experience in using Black Box testing and Automation.
* Extensive experience in Functional Testing, Regression Testing, GUI Testing, Integration Testing, System Testing, POS Testing, Stress Testing, Security Testing and User Acceptance Testing,
* Good working experience in automation tools like Selenium WebDriver, Selenium RC, Selenium IDE and QTP (Quick Test Professional).
* Expertise in defect management tools like Quality Center, Bugzilla and Jira.
* Worked in Agile, Scrum and waterfall methodologies.
* Tosca helps manage test data by providing a central repository for test data and enabling data-driven testing.
* Having 4 years of professional work experience in application development using JAVA/J2EE technologies
* Expertise in Core Java Such as OOPs, Collections, Exceptions Handling, Input/output (I/O) System, Swing, Annotations, Multi-Threading, Lambda and Generics.
* Extensive exposure to JAVA, J2EE, JSP, JDBC, Servlets, spring, Hibernate, Struts, GIT.
* Experience in writing SQL queries in PL/SQL, Triggers, and Stored Procedures in Relational Database management systems like Oracle, MS SQL, MySQL and DB2.
* Proficient in word processing, spreadsheets and database software.
* Effective planning, organizational and interpersonal skills.
* Ability to present complex information clearly and logically.
* Able to work in a fast paced environment while handling multiple demands and shifting priorities
* Coordinates projects to successfully meet timelines.
* Flexible and willing to adapt in a changing environment.
* Proficient in word processing, spreadsheets and database software applications on a PC, specifically MS Office: Word, Excel and PowerPoint.
* Coordinated and lead the offshore testing team, also reviewed the production Support issues.
* On-call production support (24x7), monitoring and maintaining multiple applications in development, QA, staging, and production environments.

**Education:**

* B Teach Computer Science From JNTU -2006

**SKILLS**

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| --- | --- |
| **Testing Tools** | Selenium IDE, Selenium RC, Selenium Grid, Selenium WebDriver, Cucumber, SOAP UI, Postman. |
| **Languages** | C, Java, SQL, JavaScript, Python. |
| **Test Approaches** | Agile/Scrum, Water Fall Model, SDLC, STLC, Bug Life Cycle |
| **Testing Frameworks** | Data Driven, Keyword Driven, Hybrid, TDD, ATDD, TestNG/Junit,Mocha, BDD |
| **Web Technologies** | HTML, CSS, XML, JavaScript, React JS, Python. |
| **Build Tools** | Maven, Jenkins (Continuous integration), Bamboo, Azure, Git Lab |
| **Bug tracking tools** | HP QC/ ALM, JIRA, Rally,QTP/UFT |
| **Database** | MySQL, Oracle, SQL |
| **Operating system** | Windows, UNIX, Linux. |
| **Version Control Tools** | GIT, SVN |

**Work Experience:**

**Macy’s Dec 2021-Till Date**

**Role: SDET Engineer,** **Atlanta,GA,remote**

**Responsibilities:**

* Documented Test Plan and Test Cases according to the business required document.
* Involved in preparing and executing test cases referring to user stories for each sprint.
* Experience in database environments and configuring/or testing/or administrating in GCP
* Perform data analysis, testing, and validation using complex SQL queries, stored procedures and data – driven testing methodologies to create repeatable tests that leverage source-to-target validation
* Gathered Performance testing requirements, System requirements and identified applications performance.
* Worked in Agile development environment also.
* Developed and maintained automated regression test cases in Selenium WebDriver using Core Java and python programming language.
* Cucumber is one of the most popular BDD tools, as mentioned earlier. It allows you to write feature files in Gherkin syntax (Given-When-Then) that describe the behavior of the software. These feature files are then associated with step definitions written in a programming language (such as Java, Ruby, or JavaScript) to execute the scenarios.
* Developed QA processes automation test scripts using Python/Selenium to test Web based user interfaces for different type of browsers. Validated the data from Front End to Back End tables in Oracle Database.
* Hadoop is an open-source framework that allows for distributed storage and processing of large data sets across clusters of computers. It provides a reliable and scalable platform for data storage and processing, making it useful for SDET tasks involving large-scale data analysis.
* Cucumber works with testing frameworks like JUnit, TestNG (for Java) and RSpec (for Ruby), among others.
* PyTest is a robust and feature-rich testing framework in Python. It provides capabilities for test discovery, fixture management, parameterization, and test result reporting. PyTest is known for its simplicity and extensibility, making it a popular choice among SDET professionals.
* Developed and Implemented effective Test Plan and Test Cases based on user stories, source to target mappings, analytical and technical specification.
* Strong working Experience in Blue Yonder Space Planning, FloorPlanning and Assortment Optimization applications.
* Used TestNG Annotations in Selenium Web Driver in Python and executed a batch of tests as testing suite.
* SpecFlow is a BDD framework specifically designed for .NET applications and is similar to Cucumber. It allows you to write feature files using Gherkin syntax, and these files are mapped to step definitions written in C# to automate the tests.
* Worked with AWS cloud machines to setup selenium GRID and also Jenkins server on HUB machine.
* Tosca integrates with other tools in the testing ecosystem, such as JIRA, Jenkins, and HP ALM
* Reviewed and analyzed requirements and specifications for testability and completeness.
* Organized effort estimation and forward it to Project Management and Program Management for future projects.
* Performed API Level testing for web services, enhanced the Test harness and developed many Test suites using XML and Python.
* Gauge is an open-source test automation tool that supports BDD and is extensible to various programming languages. It uses markdown to write test scenarios and has a lightweight and modular architecture.
* Cucumber can be integrated with automation tools such as Selenium WebDriver for web applications, Appium for mobile applications, and Capybara for web application testing in Ruby.
* Spark is another open-source big data processing framework that provides fast and general-purpose data processing capabilities. It offers in-memory processing and supports various programming languages. Spark can be utilized for data analytics, machine learning, and ETL (Extract, Transform, Load) processes.
* Conducted thorough testing of Blue Yonder's supply chain management software, including modules such as inventory management, demand planning, and transportation management.
* Prepared Test Plan, Test Cases and Test Scripts.
* Expertise in Manual and Automation Testing of Client/Server, Mobile, Web - based,API and Cloud (AWS) applications.
* Behave is a behavior-driven development (BDD) framework for Python. It allows SDETs to write tests in a human-readable format called Gherkin, promoting collaboration between developers, testers, and stakeholders. Behave integrates well with other testing frameworks like PyTest.
* SQL level – advanced, SQL Join Types (ability to use different joins by different conditions).
* Sub queries, ability to use sub queries, join using sub queries.
* Expertise in Manual and Automation Testing of Client/Server, Mobile, Web - based,API and Cloud (AWS) applications.
* Kafka is a distributed streaming platform that enables high-throughput, fault-tolerant messaging between systems and applications. It is commonly used for real-time data streaming and event-driven architectures, making it valuable for SDET tasks that involve processing real-time data and generating test events.
* Locust is a Python-based performance testing tool. It allows SDETs to simulate a large number of concurrent users, measure response times, and identify performance bottlenecks in web applications.
* Group, using aggregate functions, filter by aggregate functions.
* Work with sets: UNION, UNION ALL.
* Tosca supports testing across various platforms, including web, mobile, and desktop applications.
* Work with temporary tables: create, drop. DDL basics.
* Coordinated and lead the offshore testing team. Participated in Team Retrospective meeting before the start of every Sprint planning meeting to discuss about the improvements and the process where we are lacking based on the last sprint experience.
* Worked with AWS cloud machines to setup selenium GRID and also Jenkins server on HUB machine.
* Used Cucumber Tags in feature file for regression, smoke, sanity and end to end test execution
* Testing software deployed in an AWS, C2S or cloud environment.
* Participated in the Sprint Planning meeting before the start of a new sprint to discuss what can accomplish in it.
* Created a CICD Pipeline in Azure cloud for regression testing, Will execute on daily basis.
* Creating the jobs in the Azure Pipelines to run the test cases whenever the build is given as part of CICD i.e.; Continuous Integration and Continuous Delivery.
* Provided Sprint scope execution summary report at the end of every sprint in Sprint Review Meetings.
* Offshore task delegation, progress monitoring and reporting.
* Analyzed risks involved in project and mitigation steps.
* Participated in daily scrum meetings.

**Principal financial group, Des Moines IA,remote Jan 2021 – Dec 2021**

**Role: SDET Engineer**

**Responsibilities:**

* Documented Test Plan and Test Cases according to the business required document.
* Involved in preparing and executing test cases referring to user stories for each sprint.
* Performed functional testing by executing the QTP Scripts from Test Director. Used Python to launch QTP scripts from command line for continuous integration testing.
* JBehave is a BDD framework for Java-based applications. It enables you to write stories using a Gherkin-like syntax, and the stories are linked to Java step implementations for test automation.
* Loading latest builds on the App (using iPhone config utility and iTunes) on devices and on simulators.
* Involved in Acceptance testing, Smoke testing, Integration testing, Localization testing, Functional testing, Regression Testing and PRT.
* Created and maintain server-side integration tests - Python, JSON documents, MongoDB, and Robot Framework running with every build (git, Jenkins) on Amazon Web Services(AWS).
* Performed browser compatibility and configuration testing on various operating systems such as IOS and Android OS.
* Requests is a popular Python library for making HTTP requests. It is widely used in API testing, allowing SDETs to send requests, inspect responses, and validate API behavior.
* Analyzed and Provided the Charles to Dev with request and response for any errors displayed on the app using Charles Proxy server.
* Developed automation test scripts for client -server and web based applications using Python, Silk and other automation tools.
* Behat is a BDD framework for PHP applications. It allows you to write feature files in Gherkin format and use PHP to implement the step definitions.
* Developers and SDETs can use their preferred Integrated Development Environments (IDEs) like Eclipse, IntelliJ IDEA, Visual Studio Code, or RubyMine to write and execute Cucumber scenarios.
* JMeter is an open-source tool primarily used for performance testing. It can simulate heavy loads on web applications, APIs, and other services to assess their performance under different conditions. JMeter can be employed to test the performance of big data processing applications and systems.
* Tested the application in different environments like Stage, Pre-prod, Prod and some of Dev Env.
* Logged defects in defect tracking tool JIRA with necessary screenshots and logs.
* Involved in preparing the Automation Design document, identifying the test cases to be automated for Regression Testing.
* Jasmine is a BDD framework for JavaScript applications, primarily used for testing frontend code. It allows you to write descriptive tests using a BDD-style syntax.
* Cucumber tests can be integrated into CI tools like Jenkins, CircleCI, Travis CI, etc., to automate the test execution process.
* Tosca supports continuous testing by integrating with CI/CD tools and enabling testing at various stages of the software development lifecycle.
* Extensively worked on Selenium webDriver with the preferred Languages Java, C Sharp, Python, Ruby and Perl.
* NiFi is an open-source data integration tool that enables the automation of data flows between systems. It provides a web-based interface for designing, managing, and monitoring data flows. NiFi is useful for SDET tasks involving data ingestion, transformation, and routing.
* Created/maintained cloud-based environments and used Kubernates to debug the application logs.
* Conducted Defect review meetings with third party developers and business.
* Provided JSON files and to SOA QA for the backend issues using web debugging Proxy Charles application.
* Monitoring and providing console logs to developers using XCode for any defects reported.
* Performed detailed smoke test and providing immediate results after deploying CCB’s on different Environments.
* Tested REST APIs that support the Marketing technology backend team utilizing POSTMAN and Swagger.
* Involved in creating the functional testing framework using TestNG and using Selenium WebDriver for writing Automated Scripts with Java on Nike.com
* Developed new and updated existing Automation test cases using Selenium WebDriver and TestNG, used Git and Source Tree as VCS for a Java based Web application, used Maven as build tool and Jenkins to create and run deployment jobs.
* Worked on different Wearable devices in different platforms.
* Collaborated with the core-automation team to maintain coding standards and for reviews in git.
* Provided crash logs using CatLog, android SDK, XCode and Charles Session for any crashes observed during testing.
* Also executed IOS & android automation scripts using Calabash.
* Ran SQL queries against a PostgreSQL DB using Data Grid and MySQL.
* Participated in Performance testing by keeping app in background, foreground and checking battery usage of the app.
* Worked on Multiple projects at the same time.
* Circulating daily Test dashboard to project team.
* Further advanced the UI automation tests to validate against the response from REST APIs.
* Participated in Team Retrospective meeting before the start of every Sprint planning meeting to discuss about the improvements and the process where we are lacking based on the last sprint experience.
* Participated in the Sprint Planning meeting before the start of a new sprint to discuss what can accomplish in it.
* Coordinated and lead the offshore testing team.
* Offshore task delegation, progress monitoring and reporting.
* Analyzed risks involved in project and mitigation steps.
* Participated in daily scrum meetings.
* Provided Sprint scope execution summary report at the end of every sprint in Sprint Review Meetings.

**Environment:** Safari, iTunes, IOS and AOS Simulators, IOS, Charles, XCode, Postgre SQL DB, MySQL, Security testing , Apple devices, Android devices, Swagger, Postman, Jira, iPhone configuration utility, Kubernetes, Unix, Rest APIs, SQL server, Hockey app, Azure, Jenkins, Calabash, Google docs, APK installer, android file transfer, Post man, Genny Motion, Virtual Box, iPhone explorer, Microsoft Office, Quality Center.

**CVS Pharmacy , Irving,TX Aug 2018 - Dec 2020**

**Role: Automation Tester**

**Responsibilities:**

* Requirement Analysis for new enhancements.
* Preparation of Test Plans and Test Strategy.
* Code repositories like Git are commonly used to manage the versioning of Cucumber feature files and related automation code.
* Participate in Customer discussions during various testing phases.
* Design and maintain test cases manually in excel spreadsheet and stored them on Confluence for tracking purpose.
* Robot Framework is a generic test automation framework that supports BDD-style testing. It uses a keyword-driven approach and allows you to create test cases in a readable format.
* Ensure that all the test cases are written and updated in Radar. Review tests specifications, cases of self and peer.
* Collaborated with multiple teams for end-to-end testing of critical projects
* Prepare and Publish Test Reports.
* Execute the test cases—Manual and Automation.
* Perform defect management in Radar, Espresso, Central Station.
* Utilized Test Automation Framework using Selenium for regression testing of Search infrastructure at apple.com.
* Perform various types of testing such as Functional, Regression, System and Integration (SIT), Configuration, Interface, Build Verification and Smoke/Sanity.
* Conduct and participate in the Bug Review meetings to identify, analyze and drive the issues towards resolutions based on the business severity.

**Environment:** Safari, iTunes, IOS Simulators, IOS, Charles, X-Code, Security testing, Apple devices, Radars, Central Station, iPhone configuration utility, Jenkins, IPhone explorer, Microsoft Office, Espresso, Gas Mask.

**AT&T ,** **Richardson,TX Nov 2016 - July 2018**

**Role: QA Engineer**

**Responsibilities:**

* Developed Business Components in Java/J2EE and Involved in various phases of Software Development Life Cycle (SDLC).
* Tested new API’s on daily bases and modified the code for optimizing performance as a improving the functionality of clients software.
* Experience in developing the applications using AngularJS, Bootstrap like Grids, Toolbars, Combobox and Buttons etc.
* Extremely worked in all the modules of the application which involved front-end presentation logic developed using Tiles with Spring MVC, JSTL and JavaScript, Business objects developed using POJOs and data access layer using Hibernate/JPA.
* Worked in an agile development process, monthly Sprint and daily Scrum.
* Gathered requirements from Stake Holders, Users.
* Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.
* Used Microservices architecture, with SpringBoot based services interacting through a combination of REST and SpringBoot.
* Implemented Model View Controller (MVC) architecture Using Spring at the Web tier level to
* Isolate each layer of the application to avoid the complexity of integration and ease of maintenance along with Validation Framework.
* Implemented Microservices using Spring Boot, Spring Cloud, and Spring Microservices and enabled discovery using Netflix Eureka Server.
* Used Microservice architecture, with Spring Boot-based services interacting through a combination of REST and MQ and leveraging AWS to build, test and deploy micro services.
* Designed and developed several Servlets and DAO components.
* Used Spring IOC, Dependency Injection throughout the application.
* Used EJB for business tier, Used Stateless Session Beans for business logic and Message Driven
* Beans for asynchronous processing.
* Worked in creating servlets and JSP components.
* Involved in implementing the page flow using Spring MVC & AOP components for the application.
* Used Spring JMS to communicate the UI and computations modules.
* Deployed the entire application in WebSphere application server.
* Developed MAVEN scripts for compiling and deployment.
* Used Spring MVC to handle/intercept the user requests and used various controllers to delegate the request flow to the back-end tier of the application.
* Worked extensively on developing controllers, Interfaces and implementation classes using Spring MVC framework & used Micro service architecture with Spring Boot based service through REST.

**Birla Soft, Pune, India June 2009 - March 2011**

**Role: QA Analyst**

**Responsibilities:**

* Used Servlets as Controllers for MVC architecture and Hibernate in business layer to access MySQL Database.
* Developed dynamic webpages using JavaScript and Implemented jQuery for creating behaviors of JavaScript.
* Provided client side validations using AngularJS framework.
* Coordinated the business development team to create sample API’s for demonstrating its functionalities to the clients.
* Developed business services with, JSON, XML and Restful Web Services technologies and Used CVS for version control and Clear Quest for bug tracking.
* Involved in activities like code review and performance improvement.
* Used Spring Framework with Hibernate to map to Oracle 10gdatabase and mapped using Hibernate Annotations.
* Ability to produce enterprise level, scalable, modular, and performant AngularJS applications.
* Migration of Web Sphere application server to Tomcat application and used Eclipse IDE and deployed the application on TOMCAT server.
* Used Oracle 10g database to design various tables required for the project and used Stored Procedures in the application.
* Designed and developed web services like SOAP, XML schemas, JAXB and XSL and Involved in activities like code review and performance improvement.
* Implemented connectivity to databases using JDBC API from servlets and JSP through Enterprise Java Beans(EJB).
* Used SQL, PL/SQL in indexes, views, stored procedures, functions and relational database models.
* Tested the application using TestNGtesting framework and Maven as a build and management tool to get the required dependencies for the respective project.
* Used Swing worker thread to handle multi-threading and used the swing components to develop the interactive web based applications

**Environment:** Java 1.7, JSF 3.0, SOA, SOAP, AJAX, HQL, PL/SQL, XML, XHTML, CSS, JavaScript, Web Logic Server 10.3, Oracle 10g, Spring MVC, Hibernate 3.1, CVS, AGILE, Swing.

Blue Yonder’s