**Name: Indira Edamadaka**

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**Professional Summary: -**

* **Around 8+ years** of experience as **QA Engineer** with focus on manual and automation testing.
* Exceptional knowledge and implementation skills in **Software** **Development** **Life** **Cycle** (SDLC) and **Software** **Testing** **Life** **Cycle** (STLC).
* Expertise in understanding **Business Requirement Specifications**, **Functional** **Specifications** and Design documentations and converting them into **Test** **Scenarios**.
* Experienced in **Waterfall** and **Agile** Projects, worked very closely with Product owners in **Agile** and attended various ceremonies like **Sprint** **Planning**, **Backlog** **Grooming**, **and Sprint** **Review**.
* Proficiency in **Manual** and **Automation** Testing of Client/Server, Web-based/Mobile and Cloud (AWS) applications.
* Hands on experience in testing **Web Services** using **HTTP CRUD** commands such as **POST, PUT, DELETE, and GET** for **API** testing using **POSTMAN** for manual testing.
* Performed Database/Backend testing by writing complex **SQL** queries and connecting to database with **JDBC API** (Oracle, MySQL) for validating the application against the database.
* Worked extensively on performing **Black Box Testing**, **System Testing**, **Smoke Testing**, **Regression Testing**, and **User Acceptance Testing.**
* Solid knowledge in testing **Web Applications**, **Web Services** using **Selenium WebDriver/Katalon/Appium/Cypress**.
* Experience in testing UI and Non-UI applications (Salesforce, Web Applications, XML, Database, Web Services) using **Tosca Automation Test scripts**.
* Experience in Azile -Enabling tools like Azure, Jira, HP ALM, Bit bucket.
* Good working experience in DevOps, establishing E2E testing pipeline for Bulk components.
* Extensive experience in creating documents like **Test Plan, Text Exit, defect tracking Reports**.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **JIRA** as project management and defect tracking tool.
* Great documentation and **Process** **Management** skills with an ability to effectively understand the business requirements to develop a quality product.
* Excellent communication and interpersonal skills, with the ability to collaborate with stakeholders, developers, and product managers.
* Ability to quickly learn new technologies and tools, with a keen eye for detail and a commitment to continuous improvement. Ability to mentor junior testers and lead small teams, providing guidance on best practices and test execution to maintain consistency and quality across the testing process.
* Exceptional ability to identify complex issues quickly and propose effective solutions, often working with development teams to reproduce and resolve issues in a timely manner.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Testing Tools** | Postman, Selenium Web Driver, TestNG, Appium, Katalon, Cypress, QTP, HP Quality Center |
| **Language/ Script** | Java, JavaScript, Gherkin |
| **SOA Technologies** | SOAP, REST, Web Services, SOAP UI, Postman, JSON |
|  **Tracking Tools** | HP Quality Center, Bug Zilla, JIRA, Rally, HP ALM |
| **Build/ CI Tools** | Maven, Jenkins, Git, Bitbucket |
| **Databases Technologies** | MS SQL Server 2000/2005/2016, OLAP and OLTP, Oracle 9i/10g, MS Access 2000, TSQL, Oracle PL/SQ, MYSQL |
| **Methodologies** | Agile (Scrum), Waterfall, SDLC, STLC |
| **Test Framework** | Page Object Model (POM) |
| **Environment** | Web, Android, IOS |
| **Operating Systems** | Windows, Unix, Linux |

**Certifications:**

 **Tosca Automation Specialist Level 1.**

 **Certificate No: cert\_p88hmvwf**

**Tosca Automation Specialist Level 2.**

 **Certificate No: cert\_6f43rm93**

**WORK EXPERIENCE:**

**Client: Medtronic, Minneapolis, MN Aug 2023 – Till Date**

**Role: Sr. Test Engineer**

**Responsibilities:**

·       Preparing Functional/regression Test Cases/Scripts in Helix under Test Plan, And Review Test Requirements,

 and Creating Test Plans and involved in Test Strategy documents.

* Used process mapping to holistically assess business processes and determine opportunities for improvements.
* Assisted with driving strategy through development and implementation of new processes by working closely with business team.
* Automated **UI functionalities** using Katalon Studio with **Selenium WebDriver**, **Java**, and **Groovy**.
* Executed test cases and participated actively in **Smoke, Sanity** and **Regression Testing**.
* Responsible for planning the **Regression** Test stories and **Test cases creation** and updating by considering dependencies and then creating the test execution on run and generate **HTML Reports** and perform Retest, debugging defects to fix from **QA**.

·         Shared **Daily Status Reports** with all the team members, Team Leads, Managers and Clients.

·         Conducted **backend testing using SQL queries** to validate data for SQL database and Used **SQL queries.**

 for retrieving data from database for executing user specific test cases.

* Monitoring API logs in **Postman.**
* **Continuous Integration** (CI) and **Continuous Delivery** (CD) using **Git**, **GitLab.**
* Managing projects, sprints using Project Management Tool **Jira.**
* Perform API testing (RESTful Web Services) using Postman for backend data validation, reducing bug fix rates.
* Responsible for all types of tests like Functionality Testing, Load Testing, Documentation testing, User Acceptance Testing, Browser compatibility testing and maintain technical design documentation in **Windows environments.**
* Created and maintained reporting templates for efficiency and documented day-to-day quality checks for the product.
* Worked on containerizing the infrastructure using Docker container and their Orchestration by deploying and configuring the Kubernetes.

**Client: Visa, Foster City, CA June 2022 – July 2023**

**Role: Test Engineer**

**Responsibilities:**

·       Preparing Functional/regression Test Cases/Scripts in Rally under Test Plan, And Review Test Requirements,

 and Creating Test Plans and involved in Test Strategy documents.

* Used process mapping to holistically assess business processes and determine opportunities for improvements.
* Assisted with driving strategy through development and implementation of new processes by working closely with business team.
* Automated **Restful Web Services** using Rest assured API Testing Framework with **Selenium WebDriver**, **Java**, **TestNG** **and** **Maven**.
* Executed test cases and participated actively in **Smoke, Sanity** and **Regression Testing**.

·         Shared **Daily Status Reports** with all the team members, Team Leads, Managers and Clients.

·         Conducted **backend testing using SQL queries** to validate data for database and Used **SQL queries.**

 for retrieving data from database for executing user specific test cases.

* Monitoring API logs in **Splunk.**
* Managing projects, sprints using Project Management Tool **Rally.**
* Developed and maintained continuous Integration (CI) using tools in Azure Devops (VSTS) spanning Multiple environments, enabling teams to safely deploy code in **Azure Kubernetes** **services (AKS)** using YAML scripts.
* Managed Kubernetes charts using Helm.
* Worked on containerizing the infrastructure using Docker container and their Orchestration by deploying and configuring the Kubernetes.
* Developed, maintained, recommended, documented, and suggested supports tools and backend utilities to perform performance and capacity planning management.
* Working Knowledge in deploying CI/CD system using **Azure Devops** on Kubernetes container environment and for the run environment for CI/CD system to build test and deployment we have utilized **Kubernetes** and Docker
* QA Deployment using **Kubernetes** with **Triton.**
* **Forward Compatibility Testing.**
* **Functional Signoff for every sprint.**

**Client: Cardinal Health, Columbus, Ohio May 2020 – May 2022**

**Role: QA Tester**

**Responsibilities:**

* Extensively involved in all stages of testing life cycle, **Test Driven Development** methodologies**,** **Software Development Life cycle** (SDLC) using **Waterfall,** **Agile methodologies.**
* Used BMC Remedy to create tickets and verify entered information in PEGA front end.
* Analyzed business requirements and user experience goals to develop test plans and test cases.
* Writing test cases/scripts within PEGA PRPC and correcting them according to the erroneous outcomes.
* Executed Test output bases on testcases for PEGA application.
* Verify and validate that all the fields in the PEGA are populated in frontend and backend as per the requirement based on the spread sheet.
* Tested all the functionality of application after migrated from PEGA 5.5 to 6.1.
* Tested reports PEGA out of the box functionality OOTB.
* Performed quality reviews of design documentation to ensure compliance with project plan scope and requirements.
* Involvedin **functional testing, black box testing, negative testing, compatibility testing, and recovery testing.**
* Experience in performing automation tests using **Selenium Java** to perform front-end testing.
* Experience in Back-end testing, data validation, Database testing using **SQL queries.**
* **Perform API testing (RESTful Web Services) using Postman for backend data validation, reducing bug fixes by 80%.**
* Managing projects, sprints using Project Management Tool **Rally**
* Involved in conducting tests on Web services transactions like automatic bill payment, batch payments and Account transfers sent over **HTTP** or **HTTPS** by inspecting every **XML** request and response using **SoapUI**.
* Tested files on **Data cap Studio** from the **clouds services Azure.**
* Developed automated tests while conducting manual testing to ensure software quality and timely delivery.
* Collaborated with product managers and customer service team to address software issues, quickly resulting in a 90% customer satisfaction rating.

**Client: NetJets, Columbus, Ohio July 2019 – April 2020**

**Role: QA Tester**

**Responsibilities:**

* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies and **Software Development Life cycle (SDLC**) using **Agile**, **Scrum** methodologies.
* Involved in planning, designing and executing different test cases for **Smoke, Functional, and Integration, System** and **User Acceptance** and **GUI testing.**
* Actively involved in developing automation scripts using **TOSCA 9.1**, Creates Business Process Models test cases using ALM BPT add-on.
* Developed Test Plan and Test Cases for **REST API/Web Services** testing using **Postman**.
* Automated Restful **web services/API** by using **Rest Assured** library to send various **HTTP requests** and validate the **JSON** response.
* Designed and developed automated scripts for functional, **regression, sanity and integration testing** using automation tool **Selenium with Java.**
* Implemented test automation scripts for mobile testing using **Appium** for **Android** and **IOS** applications.
* Developed Data Driven Tests using **TOSCA** and automated functional testing.
* Performed back-end testing by writing and executing **SQL** queries to validate that data is being populated in appropriate tables and manually verified the correctness of the data with front-end values.
* Wrote **SQL** queries to retrieve the information from the databases to check whether the data has been updated using **MongoDB**.
* Created and maintained **Requirement Traceability Matrix (RTM)** to ensure all the requirements are covered.
* Define, develop, and execute automation test scripts using **Java** that leverage **black and white box testing** across functional, non-functional and performance testing.
* Established and maintained test cases and test data in **JIRA.**
* Used **JIRA** to maintain defect repository and followed the bug life cycle until the bugs are fixed or closed.
* Verified that the Software Quality Assurance Standards are met throughout all phases of development.

**Client: 7-Eleven Inc, Irving, TX Sep 2018 – June 2019**

**Role: QA Tester**

**Responsibilities:**

* Involved in analyzing Business Requirement Documents and Technical Specification documents and developed test plan and test cases for testing the application.
* Worked in an **agile** environment with frequently changing requirements and features set.
* Involved in **Scrum Process** based on Project Planning, Test Planning and Coordinating on all SDLC phases.
* Designed Automation Test cases and implemented Hybrid test automation framework and **Page Object Model** using **Selenium WebDriver.**
* Developed test code in **Java** programming language using **Eclipse**, IDE framework.
* Performed **Sanity testing, Smoke testing and regression testing** thoroughly using continuous integration tool **Jenkins**.
* Utilized **Quality Center** (QC) as a test management and defect tracking tool.
* Validating the API calls and data for user interface by using Postman, Restful Services and Soap UI.
* Writing the web services automation for Get, Post, and Put methods in services testing.
* Performed web services testing with **SOAP UI** by validating request and response for **XML, JSON** files.
* Creating **Splunk dashboards**, maintaining already existing ones and integrating Splunk with Jenkins to show the overall failed and successful Jenkins jobs on Splunk Dashboard.
* Performance test plan design and test case design, environment setup for performance testing in JMeter and LoadRunner, Blazed Meter.
* Developed and executed **SQL** queries to verify the proper insertion, deletion and updates into the database.
* Actively participated in daily Agile Scrum meetings and involved in iteration planning.
* Ensured the best user experience by focusing on the quality and integrity of an application for requirement specifications, business logic, and user experience and system end-to-end validation.
* Performed ADA testing for visually implanted users.
* Working closely with **TADs** team to identify opportunities for improvement and aligning with the IT standards at

**7-Eleven Inc**.

**Client: Savant, Hyannis, MA Nov 2016 – Aug 2018**

**Role: QA Tester**

**Responsibilities:**

* Involved in writing Test Plan, Test strategy and Test Scenarios based on software documentation from business, technical and functional requirements.
* Involved in various stages of development of the project starting from the project planning until production and maintenance using **agile methodology**.
* Implemented **Black-Box Testing, Functionality, GUI and Regression Testin**g for the entire application, for various builds in a team environment.
* Performed **Smoke testing, Sanity testing**, **Functional testing, Cross-Browser testing**, **Regression testing, Manual** and **Automation testing, Integration testing, Backend validation testing and End to end testing.**
* Actively involved in developing automation scripts using **TOSCA**, Created Business requirements-oriented test cases, automated functional testing using Data-Driven approach
* Performed Rest **API testing** using Postman, and Rest-assured .
* Manually performed Ad-Hoc testing, end-to-end testing, and system testing.
* Executed and evaluated **manual test cases** and reported test results.
* Prepared Defect Report as per **severity** and **Priority.**
* Utilize manual tools to test back-end features (SQL, POSTMAN).
* Find and document bugs, issues, and observations for further investigation.
* Fixed a disorganized confluence page on JIRA to better understand the state of the project.
* Performed the sanity testing and reported the status to TL.
* Performed functional, database, regression, and exploratory testing.
* Black Box testing methodologies like functional, usability, regression was performed.
* Configured **SQL queries** to fetch data from the Oracle database.
* Attend Daily status meetings to discuss feature priorities and test timelines.
* Closely interacted with the Development and Business teams in resolving the bugs.

**Client: Sprint Corporation, Kansas, MO March 2015 – Oct 2016**

**Role: QA Analyst**

**Responsibilities:**

* Designed efficient **manual test cases** based on analysis of Business Requirement Documents, Functional Specifications, Technical design documents and Use Cases.
* Used **Waterfall** methodology for implementation purposes.
* Involved in all stages of Software Development Life Cycle (**SDLC**), Software Testing Life Cycle (**STLC**) and Defect tracking life cycle.
* Performed **System testing, Integration testing, Black box,** and **White box testing.**
* Performed **Ad-hoc testing, Functional testing,** and **Regression testing** on web-based applications.
* Responsible for all types of tests like Functionality Testing, Load Testing, Documentation testing, User Acceptance Testing, Browser compatibility testing and maintain technical design documentation in **Windows environments.**
* Preparation of Test Cases as per the functionality requirements in the**Quality Centre** and mapping the requirements to the test coverage to ensure proper coverage.
* Reported the defects using defect tracking tool **Quality Center** (QC)**.**
* Used **DOM** and **XML** parsers for data retrieval.
* Involved in writing **SQL** queries for each Test Case and executing them.
* Created and maintained reporting templates for efficiency and documented day-to-day quality checks for the product.
* Involved in project meetings and interacted with other team members to resolve the problems.