

SAI PRAKEERTHI TANGIRALA

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Work: Permanent Resident of Canada

Able to relocate: Yes

Career Highlights

- Hands-on experience in Quality Assurance and software testing in **Airline, Insurance, Healthcare, Banking, and e-commerce, Telecommunications** domains from more than 7 years
- Experience in **Regression Testing, Smoke/Sanity Testing, Cloud testing, Performance testing, System Testing, Functional Testing, Integration Testing, Database Testing, GUI Testing, mobile responsive testing, API Testing, End to End Testing, Security Testing and User Acceptance Testing (UAT)**
- Experience in **Mobile testing (iOS and Android)**
- Experience in working with **Agile methodologies, Waterfall, Continuous Integration and Continuous Delivery (CI/CD)** are the best practices to ensure timely delivery against aggressive deadlines.
- Proficient in test processes and Software Testing Life Cycle (**STLC**).
- Experience in **Cloud testing, Iaas, Paas, Saas models**.
- Experience in designing and writing **automation scripts** using test **automation frameworks** with **Selenium WebDriver, Java, TestNG, Maven, Jenkins**.
- Experience in **API Testing** by using **Postman, REST API**.
- Expertise in creating Test Plans, Test Cases, and Test data by applying Test Case Design Techniques to meet full system test coverage.
- Experience in a Multi-tiered **environment** like different layers of an Application and Strong experience in **backend (SQL) and front-end testing** activities.
- Strong experience in using Testing tools such as Microsoft Team Foundation Server (**TFS**), Microsoft Test Manager (MTM), **JIRA, Bugzilla, HP Quality Center ALM, X-Ray, Test rail, Zephyr**.
- Experience in **CI/CD Tools** like **Jenkins, Azure Devops**.
- Experience on all ALM/Quality Center modules like Requirements, Test for Defect Tracking, organizing, managing, planning, and executing the Test scripts

Technical Skills

- **Test Management Tools:** HP QC ALM, Microsoft Visual Studio, Atlassian JIRA, Bugzilla, Team Foundation Server (TFS), Azure DevOps (ADO), X-ray, Zephyr, Testrail, Test Link
- **Web Technologies:** HTML, DHTML, XML, CSS
- **Application Software:** Microsoft Office 365
- **Databases & ERP:** MS SQL Server, RDBMS, Microsoft Dynamics 365
- **Operating System:** Windows, UNIX, Linux
- **Scripting languages:** Java, Python
- **Automation, Performance & API Tools:** Selenium, IBM RFT, Cucumber, Web driver, Jenkins, Maven, GIT, Load Runner, Postman, SOAP UI.
- **Web/App servers:** IIS, Apache, Tomcat
- **Methodologies:** Agile/Scrum, Waterfall
- **Testing:** Cloud testing, API testing, Regression, Smoke/Sanity, System, Functional, Integration, Database, GUI, mobile responsive testing, API Testing, End to End Testing and User Acceptance Testing (UAT). Integration, Functional, Regression, Performance, ad-hoc, Stress, UAT, Integration and Load Testing, Computer System Validation
- **Mobile Tools:** Android, iOS

Professional Experience

Senior Quality Assurance Specialist, Accordion Technologies

April 2020 – March 2022

- Experience in leading a small team of testers, coordinating work against schedules, and providing guidance as needed.
- Created Test plan & Script, Defect Management Templates; Created Initial test plan and developed test cases and test scripts manually.
- Reviewed Business requirements, IT Design documents and prepared Test Plans which involved various Test Cases for all assigned modules/projects, Review Test Requirements, Creating Test Strategy documents.
- Created test cases and performed test execution on the end-to-end functionalities and each module of an Application in ADO.

- Interact with Developers and Business Analysts to perform various types of testing throughout Software Testing Life Cycle (STLC) and Bug Life Cycle (BLC).
- Actively participated in all QA and testing activities and different types of testing in all Environments and different stages.
- Evaluated and documented actual test results against expected results.
- Developed a detailed Test Plan for system Testing based on SRD and BRD.
- Created test Automation Scripts using JAVA.
- Experience on Automation Framework Selenium.
- Experience in writing and implementation of the various Automation Test scripts and executing Automation scripts and generating reports.
- Experienced with web service/API testing using tools SOAP UI and Postman.
- Collaborate, review, verify, and track software defects from all sources to ensure we are pulling correct information and producing proper output for reporting.
- Documented Defects in ADO and exported the Defects into Excel documents as reports for presentations to be used by management.

Quality Assurance Specialist, OpenText Technologies

October 2017 - March 2020

- Worked with the Agile development team, formulating verification tasks for stories but also understanding the big picture for the week ahead. Provide critical input at all stages of design and development of a new feature.
- Performed Functional testing, UI testing, Integration testing, Regression testing, Smoke testing, Performance testing and Database testing.
- Performing Test Case designing, Executing, and logging & tracking defects using JIRA.
- Experience in Automation Testing, Functional testing, Integration testing, Regression testing, Adhoc Testing and End to End testing.
- Logged defects during testing cycles
- Supported hotfix testing for production defects as required
- Assisted Team Leads with providing QA effort estimates for upcoming projects.
- Contributed into QA continuous improvement items
- Developed and maintained testing standards, procedures, and guidelines to ensure consistent testing procedure
- Defect logging and defect follow up in bug tracking tools
- Responsible for migration of interfaces during the release process of all environments
- Developed, documented, and performed system, integration, and user acceptance tests
- Involved in writing Test Plan and Test Scenarios
- Prepared Test Effort estimation for manual Testing and internal Test Schedule
- Performed Backend testing by extensively using SQL queries to verify the integrity of the database

Software Test Engineer, TestYantra Software Solutions

September 2016 – October 2017

- Involved in writing Test Plan and Test Scenarios
- Prepared Test Effort estimation for manual Testing and internal Test Schedule
- Performed Data validation and Data verification testing
- Developed and executed SQL queries to perform backend Database testing
- Performed quality control checks on software release candidates, determines final issue resolution status, and authorizes progression to next testing phase
- Wrote Test cases and prepared Test scripts for Automation
- Experience of cross browser/device and accessibility testing
- Working with the business to develop workable solutions that best fit the business needs or alternatives that do not necessarily require system functional changes
- Performed backend testing by writing SQL queries to ensure data population per Data Mapping requirements.
- Created System Trace Matrix to ensure all requirements are covered in Test Cases
- Interacted and collaborated with the Source and Target team SMEs to understand the real-time business scenarios for writing User Acceptance Testing (UAT) Test Cases

Test Engineer, Quantum Value IT Services

August 2014 – September 2016

- Prepared test cases, test scenarios based on the user requirements and get them reviewed by the superiors.
- Prepared Test Effort estimation for manual Testing and internal Test Schedule.
- Performed smoke testing, sanity testing, functional testing, integration testing, re-testing, regression testing, unit testing, performance testing
- Attended daily meetings like standup, scrum meetings, release meetings etc.
- Developed and executed SQL queries to perform backend Database testing.

- Finding the defects and raising them in Defect tracking tools and tracking the bugs.
- Interacted with the dev team on the issue fixes and got the fixes done on time.
- Involved in client meetings and understanding the testing process and activities
- Logged the defects with proper priority and severity using Quality Center as defect management tool
- Retested the defects based on the attached release notes in each build.
- Provided Defect and Execution status reports to the QA manager

Education

- Master of Computer Applications from Jawaharlal Nehru Technological University Kakinada (JNTUK)
- Bachelor of Computer Science from Acharya Nagarjuna University