TARUN TEJA GUNJI
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Senior QA Automation Engineer

PROFESSIONAL SUMMARY:

- Possess approximately over 10+ years of comprehensive hands-on experience across various stages of the Software Development Life Cycle (SDLC), specializing in Quality Assurance processes and methodologies.
- Skilled in crafting Test Plans, delineating Test Scenarios, and Test Cases, as well as developing and maintaining test scripts, analyzing defects, and facilitating communications with the development team.
- Proficient in multiple testing methodologies including Functional, Regression, Integration, Volume, Load, Performance, System, User Acceptance, End-to-End, and Business Process Testing.
- Experienced in conducting Web Services testing using SOAP UI.
- Demonstrated proficiency in Defect Management and problem resolution, adept at tracking bugs and generating reports using Jira.
- Developed and executed automated regression and system tests utilizing QAliber.
- Extensive experience working within Agile (SCRUM) environments.
- Competent in utilizing basic SQL queries to perform back-end data integrity tests.
- Deep understanding of system level architectures, business processes, and IT technologies.
- Provided around-the-clock on-call support for production environments and monitored daily reports for errors.
- Excellent interpersonal abilities, recognized as a team player with a strong analytical approach to problem-solving and performance under pressure.
- Experienced in managing incidents, problems, and IT change processes.
- Proactive in addressing issues as they arise, dedicating energy and resources to resolve them promptly; adept at spotting new opportunities and taking on additional responsibilities when necessary.
- Makes decisions based on a mix of analysis, wisdom, and experience; capable of making sound choices even with incomplete information and within critical deadlines.
- Consistently meets or surpasses goals, motivates oneself and others to achieve results; dependable in managing unexpected challenges.
- Dedicated to delivering the highest quality products and services to satisfy the requirements of both internal and external clients; recognized for thoroughness and reliable performance.
- Effective communicator, both verbally and in writing; skilled in creating precise and timely reports, delivering presentations, and sharing information and ideas effectively while possessing strong listening skills.

TECHNICAL SKILLS:

Category	Skills
Quality Assurance & Testing	Test strategy, test planning, test cases, test data, defect management, test execution scorecards, test dashboards.
Project Management	Sprint Planning, Sprint Review, Daily Scrum.
Domain Knowledge	E-Commerce, Banking, Healthcare & Welfare.
Analytical Skills	Analytical and problem-solving abilities.
Test Approaches	Waterfall, Agile/Scrum, SDLC, STLC.
Operating Systems	macOS, Windows XP/7/8/10, Linux.
Defect Management Tools	JIRA, HP ALM.
Databases	MySQL, Oracle, PostgreSQL.
Web Technologies	HTML, CSS, JavaScript.
Automation Tools	Selenium WebDriver, Jenkins, Protractor.
Testing Tools	Selenium Suite (WebDriver, Grid, IDE), TestNG, Cucumber, Appium, Postman, JMeter.
Markup Languages	HTML, XML, CSS, XPath, CssSelector.
Browsers	Internet Explorer, Mozilla Firefox, Google Chrome, Safari.
Programming Languages	Java, Python.
Microsoft Office Tools	Outlook, Word, Excel, PowerPoint, MS Access.

PROFESSIONAL EXPERIENCE:

Client: Amex, New York, NY   **May 2024 to till date**
Role: Senior Quality Assurance Engineer
Roles & Responsibilities:

- Analyzed and reviewed draft use cases and user stories provided by business analysts for each release cycle to ensure testability and completeness.
- Developed and enhanced keyword-driven and data-driven frameworks using Selenium WebDriver to streamline automation processes.
- Performed data inspections for files transferred from source systems to data landing zones, ensuring integrity and accuracy.
- Detected, reported, and tracked defects efficiently using JIRA, enhancing the bug resolution process.
- Designed and participated in the creation of ETL processes, working extensively with SQL and NoSQL databases to manage source and target systems.
- Engaged in User Acceptance Testing (UAT) to validate end-to-end business workflows against user requirements.
- Utilized Selenium Grid for executing parallel test cases across different browsers and platforms, improving coverage and reducing execution time.
- Conducted comprehensive Functional, Smoke, Usability, Integration, and Regression Testing to ensure robust application performance.
- Worked with industry-specific protocols in the insurance sector, including SOAP, REST, HTML, and XML.
- Integrated Selenium smoke tests into Jenkins pipelines for continuous integration, ensuring regular feedback on the health of the application.
- Implemented distributed test automation strategies across various environments as part of the Continuous Integration process using Jenkins.
- Tested web services using Postman and SOAP UI to validate SOAP and RESTful services, ensuring compliance with specifications.
- Actively participated in various testing stages, including black box, grey box, and white box testing, to uncover different types of defects.
- Applied synchronization techniques in test scripts to handle timing issues and improve the reliability of automation scripts.
- Developed test cases and scripts in TestNG and managed virtual users in LoadRunner for performance, load, and stress testing.
- Collaborated closely with developers and business users to communicate defects and sought prompt resolution, enhancing team synergy.
- Leveraged Docker containers to simulate different environments for testing, ensuring application consistency across diverse setups.
- Used GitHub for version control to manage test scripts and track changes, facilitating team collaboration and history tracking.
- Implemented accessibility and security testing to ensure compliance with ADA and OWASP standards, respectively.
- Monitored application logs using ELK Stack to quickly identify issues during testing phases.
- Utilized AI-powered test automation tools like Testim.io to create and execute adaptive tests that evolve with the application.
- Conducted API testing automation with frameworks such as RestAssured, verifying backend functionality and data consistency.
- Managed a team of junior QA engineers, mentoring them on best practices and advanced techniques in automation testing.

Client: Spencer Health, Morrisville, NC   **Nov 2020 to Apr 2024**
Role: Quality Assurance Engineer
Roles & Responsibilities:

- Analyzed application requirements and functional specifications to develop comprehensive test strategies.
- Designed and executed automated test scripts using Selenium WebDriver to ensure software reliability.

- Utilized Firebug and browser developer tools to identify and debug object IDs, XPath, and links within applications.
- Conducted cross-browser compatibility testing to ensure consistent user experience across multiple browsers.
- Implemented Selenium Grid to execute automated tests across various platforms and environments.
- Maintained and updated existing Selenium scripts to adapt to new testing requirements and application changes.
- Performed web services testing using Postman and REST Assured, focusing on RESTful services and JSON payloads.
- Created both positive and negative test assertions to validate application behavior against business requirements.
- Implemented data-driven testing frameworks using TestNG and Apache POI to enhance test coverage and efficiency.
- Identified test scenarios and collaborated in the design of detailed test cases to cover all functional aspects.
- Prepared and executed test cases according to system requirements, ensuring comprehensive coverage.
- Engaged in GUI, functional, regression, integration, and system testing to identify software vulnerabilities.
- Utilized JIRA and TestRail for bug tracking, test management, and to maintain test case repositories.
- Prepared detailed bug reports and communicated findings to development teams to facilitate quick resolution.
- Participated in continuous integration processes using Jenkins to automate testing within deployment pipelines.
- Collaborated in Agile sprint planning, daily stand-ups, and retrospective meetings to align testing activities with development cycles.
- Developed automation strategies and test plans to align with continuous delivery and deployment methodologies.
- Trained junior QA engineers in automation techniques, best practices, and the use of testing tools.
- Reviewed and validated software documentation including requirements specifications, user guides, and release notes.
- Conducted performance testing using JMeter and LoadRunner to assess system behavior under various load conditions.

Client: Voya, New York, NY   **Jan 2016 to Oct 2020**
Role: Production Support Engineer
Roles & Responsibilities:
- Participated actively in daily scrum meetings, providing comprehensive status updates to the team.
- Conducted detailed manual testing on various platforms, devices, and browsers, effectively documenting and managing defects via JIRA.
- Offered production support and problem-solving for Java applications, ensuring timely escalation and follow-up.
- Executed cross-browser testing to verify and validate software functionalities.
- Engaged in maintenance support activities, conducted root cause analyses for service failures, and implemented resolutions.
- Analyzed system logic critically and provided recommendations for implementing minor enhancements or corrections.
- Assisted with the onboarding and training of new team members as required.
- Utilized MySQL for backend validation through extensive querying.
- Identified gaps in current testing strategies and spearheaded process improvements.
- Actively monitored and managed high-priority defects to enhance project traceability and application quality.
- Addressed daily operational issues using the ICD ticketing tool, diagnosing root causes, and implementing fixes.
- Documented internal procedures as well as recurring issues and their resolutions to guide future troubleshooting efforts.
- Performed periodic mobile testing on iOS and Android applications.

- Demonstrated proficiency in using Postman for RESTful API testing, including response validation and API workflow management.
- Managed customer-focused activities such as certificate renewals and SSH key updates.
- Analyzed business and system requirements, and was responsible for documenting functional and supplementary requirements.
- Monitored application performance through AWS CloudWatch to troubleshoot and ensure application stability; also verified application uptime.
- Oversaw and ensured the high availability of applications deployed on Red Hat OpenShift, troubleshooting in a cloud-native environment as needed.
- Supported release management processes for contact centers and airport offices, from initiation through deployment.
- Recorded service requests and resolved client-reported issues within established timelines.
- Ensured comprehensive analysis, documentation, approval, and delivery of client requirements and issues.

Client: Tridhya Tech, Ahmedabad, India   **May 2014 to Dec 2015**
Role: Assistant Systems Engineer
Roles& Responsibilities:
- Engaged in daily Agile meetings and processes.
- Utilized JIRA for identifying, logging, tracking, and escalating software bugs.
- Led Test Scenarios walkthroughs with both the Onsite/Offshore development and QA teams.
- Authored and implemented functional test plans for manual testing operations.
- Tested new functionalities to meet fresh business requirements and collaborated with the development team on issue resolutions.
- Executed both Positive and Negative testing to ensure system reliability by using valid and invalid data inputs.
- Developed test cases, prepared test data, and conducted manual testing in accordance with user requirements.
- Designed, developed, and executed automated test scripts, regularly scheduling jobs in development and test environments.
- Carried out Acceptance Testing for each new software release.
- Conducted Regression testing to confirm that new software changes did not introduce unintended bugs, using QAliber.
- Enhanced the Business Continuity Planning (BCP) tool using Excel VBA for new releases and conducted comprehensive end-to-end testing.
- Executed load testing to assess the maximum capacity of application components such as the database and network, preparing for future anticipated loads.
- Performed performance testing to set the benchmark behavior of the system, employing tools like JMeter.
- Participated in daily Scrum meetings to update on project status.
- Created automation scripts utilizing C#.
- Implemented SOAP UI for comprehensive Webservice Testing.

Education:
- Bachelor of Technology (B.Tech) in Information Technology from JNTUH, Hyderabad, Telangana, India. - 2014