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| Venu  (SDET) | **📱(669)-248-2551**  **✉️:sdetkv@gmail.com** |
| Enthusiastic Test Automation Specialist who is a strong believer in Customer first and having passion for building robust test automation frameworks and suites and emphasis on Process improvement, Advocacy, Test Design and Solutions. Technical Expertise:  * Test Automation Frameworks: Strong experience in developing various automated test frameworks like page Object Model, BDD, Modular, Keyword Driven and Hybrid frameworks. * Coding Proficiency: Handson with Java, TypeScript, Rest Assured, Selenium & Cypress and reviewed high-quality, maintainable code with a focus on testability and clarity. * Testing Types: Utilized diverse testing methodologies & Strategies , including Functional, Automation (Web /Backend/Mobile), E2E, Database, cross browser, Performance (JMeter), Security (Ready API), and Regression. * Detailed knowledge of software engineering best practices for thefull SDLC and STLC cycles including coding standards, code reviews, source control, build and release processes, continuous deployment, and test suite development and maintenance. * Development technologies: good knowledge on Spring boot, Microservices ,Micro front end ,System architecture , BFF, grpC, Rest apps * DevOps & Cloud Ecosystem: Experience in working with Cloud & DevOps Eco Systems applications. * Data Validation: Strong experience in writing complex SQL and NoSQL queries for effective data validation and testing. * Agile Methodology: Led and delivered multiple projects using Agile practices, including code reviews, and providing best practice guidance. * Test Coverage :Increased and improved automated test coverage, ensuring comprehensive testing of features and functionalities.  Skill Set:  * **Frameworks:** Page Object Model, BDD, TDD, Modular, Keyword-Driven, Hybrid. * **Languages & Tools:** Selenium, Cypress, TypeScript, Java, Rest Assured, Cucumber ,TDD,BDD ,TestNG, Junit, Postman, Smart bear, JMeter. * **Technologies:** AWS (Lambda, SNS, SQS, S3, AMIs, DynamoDB) * **Testing:** Functional, Web/Backend/Mobile, E2E, Database, Cross-browser, Performance, Security. * **Databases:** Oracle SQL , PL/SQL, NoSQL (MongoDB, DynamoDB) * **CI & CD:** Jenkins , GitHub, GitLab, TeamCity, Bitbucket. * **SDLC Methodologies and tools:** Agile, Scrum, TFS, ALM, Jira, MTM, waterfall SDLC, STLC, Defect and the Project Life Cycles. * **Management Areas:** Defect management, Test strategies, planning, design, leading and coordination. * **Additional Skills/ Exposure:** AWS, DevOps, GraphQL, Docker,K8,Springboot,MicroServices,BFF,grpc Jira, Grafana, Kibana, Kafka.  Leadership and Collaboration:  * Teamwork and Mentoring: Worked closely with software engineers to understand the Domain and application ecosystem and mentored QA team . * Project Ownership: Demonstrated ownership for team and projects, ensuring successful delivery and quality. * Design Discussions: Actively participated in design discussions to enhance the platform for richer testing scenarios and easier defect detection. * Proactive in setting up defect triages, diagnosis, and resolution . * Software Engineering Best Practices: Influenced and drove adoption of best practices within the team and organization. * Proven SDET Lead/Sr. SDET, guiding automation efforts across teams and skilled in planning, designing, executing, and delivering defect-free artifacts. * Identified opportunities for system, product, and service improvement with each iteration. * Collaborated effectively with stakeholders and squads, identifying cross-team dependencies to strengthen E2E test coverage.  Professional Experience:Servicetitan, Glendale, CA (Apr-2020-till date) Title: Sr SDET **Technologies: Cypress, JavaScript, postman, TypeScript, Selenium, .NET, C#, microservices, grpc, BFF**   * Led MRK QA transformation efforts and migrated monolith Selenium C# test suite to Cypress. * Contributed to test Automation framework, which is built on Selenium, C#, enhance and refactor the same. * Strengthened regression test suite and increased automation coverage to 100 %. * Built a test automation suite. * Built test automation suite and automated E2E, API and integration test scenarios using Cypress and typescript. * Created test data using builder and Data Generators. * Added helper methods around DB Verification. * Maintained and enhanced existing automation test as functionality and services get updated with new requirements and optimized. * Monitoring and analysis of daily test automation execution runs in team city. Report any failures, debug, and act accordingly. * Design and develop automated test scenarios to test assigned application features in each sprint. * Build and execute performance and load testing on services and ensure app performance is adequate. * Works closely with Product Owners and Technical Leads to formulate the high-level testing solution and is responsible for ensuring that the testing strategy includes complete coverage of acceptance criteria for a user story. * Hands on building performance scripts using JMeter, analyze the results and report any performance related issues to the dev team with complete root cause analysis. * Proactively involved with product owners right from inception through functional validation to launch, while always looking for potential quality issues/bugs and offering triaging and root cause analysis capabilities to the engineer. * Actively involved in reviews (walkthroughs) of technical specifications and program code with architects & developers, communicating design, requirements, feature set, functionality, and limitations of systems/applications to the team.  Ancestry.com Lehi, UT (Sep-2018 to Apr-2020) Title: Sr SDET **Technologies: Rest Assured, Java8, postman, Selenium, Spring boot, microservices, AWS**   * Responsible for design ,architect and develop test automation suites with Rest Assured, Selenium and Java for Communication stacks. * Developed and enhanced Ancestry Test Engineering Automation solutions and built a quality gate mechanism in a Continuous Integration environment (CI/CD pipeline) * Perform feasibility analysis on regression test suite and identify and convert manual test cases into automation scripts. * Lead the design, modification, development, and implementation of test automation architecture and framework. * Introduced and promoted testing culture and writing test scripts on the 1st hour of a development cycle to eliminate wait states and help in speed to market. * Design, implement and publish an Automation Approach plan based on project requirements. * Provide leadership around test techniques or methodologies to support complex or strategic direction for creation of the automation test suite environment. * Reported bugs, prepared reports, and worked with cross-functional teams. * Reviewed user stories, prepared integration test cases and traceability matrix. * Performed backend testing by running SQL Queries  John Deere Moline, IL (Oct-2016 to Aug-2018) Title: SDET Lead **Technologies: Rest Assured, Java8, postman, Selenium, Spring boot, microservices, AWS**   * Responsible for designing & developing a test automation suite with Selenium Web Driver using Java for Deere.com. * Provided leadership in the execution of automated test scripts and validation of requirements. * Design, implement and publish an Automation Approach plan based on project requirements. * Participated in Scrum, Daily Stand-up, Sprint and iterative development activities. * Developed & built Cross Browser Testing Automation. * Create features files and scenarios using BDD Cucumber tool. * Presentation of Test metrics and execution status to the client daily. * Perform feasibility analysis on regression test suite and identify and convert manual test cases into automation scripts. * Lead the design, modification, development, and implementation of test automation architecture and framework. * Coordinate with offshore team and review team’s deliverables. * Conduct defect triage calls and follow up with project stakeholders on open issues. * Developed and enhanced Test Engineering Automation solutions and built a quality gate mechanism in a Continuous Integration environment (CI/CD pipeline) * Provide leadership around test techniques or methodologies to support complex or strategic direction for creation of the automation test suite environment. * Reviewed user stories, prepared integration test cases and traceability matrix. * Set performance and team expectations and monitor/measure the team’s and individuals’ work to ensure that development project commitments and targets are met. * Understand the Zoom products, create feature test plans, review test plans created by other QA engineers, create release plans and execute to the final release. * Understands the functional business processes across the entire organization. * Work with management on defining and implementing testing and validation team roadmap, goals, and vision.  NHS UK (Oct-2014 to Sep-2016) Title: Automation Lead **Technologies: Rest Assured, Java, Cucumber BDD, Selenium, Oracle apps**   * Responsible for designing & developing a test automation suite with Selenium Web Driver using Java for Re-Engineering ESR. * Provided leadership in the execution of automated test scripts and validation of requirements. * Design, implement and publish automation approach plan based on project requirements. * Responsible for setting up an environment where a Behavior Driven Development is fostered. * Participated in Scrum, Daily Stand-up, Sprint and iterative development activities. * Participated in Sprint planning and release planning. * Defining Acceptance Criteria as and when user stories are created. * Presentation of Test metrics and execution status to the client daily. * Builds, leads, and mentors a team of quality assurance engineers, performs reviews, sets objectives and provides coaching to staff. * Define QA strategy, standards, and policies in collaboration with partners and stakeholders. * Develops and implements software/systems testing standards and procedures, and coordinates testing. * Documents and analyzes test results and makes recommendations to improve overall quality. * Oversee the successful completion of the regression and release cycles. * Participate in testing process improvement activities as needed. * Responsible for the establishment and maintenance of the appropriate testing and integration environments. * Reviews test cases and test scripts for quality and coverage. * Set clear productivity and quality objectives for the assigned staff and track progress on individual bases.  Bank of America Hyderabad, IN (Aug-2010 to Sep-2014) **Title: Test Automation Lead**  **Technologies: UFT, VBScript, Descriptive Programming**   * Responsible for designing & developing a test automation suite with UFT and VBScript for SAP Eledger portal. * Performed feasibility study on regression suite and identified test automation scope. * Developed and worked on POC and helped in the evaluation of tool. * Provided leadership in the execution of automated test scripts and validation of requirements. * Reviewed unit test case results and provide feedback on the same. * Executed SQL queries and validate test results. * Constructed API/REST/SOAP Automation test suites with SoapUI Pro tool. * Performed API Testing using Postman and Soap UI tool. * Estimate test efforts, analyze, and communicate test results and participate in day-to-day QA Activities. * Developed and executed test plans and test cases with a strong emphasis on using code to solve technical challenges and shorten the test cycle through automation. * Reviewed the team’s deliverables like test cases, Test scripts and test Results. * Guiding and helping team in Understanding the New Functionality requirements * Mentored Team members in UFT, VB scripting, constructing scripts intelligently using looping and object wait properties.  Rogers.com Toronto , CA (July-2005 to July-2010) **Title: Onsite Test Lead**  **Technologies: QLM, Web, SOAP, Java, Spring, Microservices**   * Gathering requirements. Interact with clients and various stakeholders to prioritize the changes / enhancement needed for the project release. * Creating Test strategy and Test plan * Guiding and helping team in Understanding the New Functionality requirements * Allocating Work to team by module wise * Create and Track Traceability Matrix * Reviewing the team’s deliverables like test cases, Test scripts * Coordinate and Plan Test Execution * Assigning Daily tasks to the teams and tracking the progress * Conducting the meetings with Development and business teams to clarify the queries raised by the team. * Conducting Defect Triage Calls on a daily basis. * Preparation of metrics and release signoff notes after end of project release  Education: Completed Bachelor of Technology in computer Science and information technology from JNT university, Hyderabad, INDIA in the year 2004. | |