Srikanth Mallela

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**Summary:**

* **10+ Years** of industry experience in the area of Software Testing as Software Development Engineer in Test (SDET) with a solid understanding of Test Planning, Test Design, Test Execution and Defect Reporting & Tracking
* **Proficient in all types of software development and test lifecycles.**
* **Experienced QA Engineer with expertise in Gen AI-driven testing**
* **Expertise in Design, Development, Manual, and Automation testing such as Functional, Regression, Integration, and System testing for Database and Web applications.**
* Develop Hybrid Test Framework using Selenium, Web driver, Maven and TestNG
* Performed Testing of database applications developed with Oracle, and SQL Server, database testing by writing complex SQL queries to fetch and validate the data.
* Expertise in Understanding and Analyzing Test Requirements, tracking changes, and maintaining Test Requirements. And well-acquainted with all phases of SDLC and STLC
* Extensive experience in reviewing and analyzing Business Requirements and writing detailed Test Plans, Test Cases, Test Scripts in Functional Testing
* Extensive experience in conducting different kinds of tests such as Integration, Regression, Functional, System Testing, UAT
* Create Generic and Web Driver Generic class’s function using core java for the entire Project and Experience in identifying elements by using different techniques like Id/Name, XPATH, and CSS.
* Experienced Test Lead with expertise in API automation using Rest Assured, Selenium, and TestNG/JUnit.
* Develop automation test cases in Java language using Eclipse/IntelliJ IDEs, with TestNG framework (Grouping and Parallel Execution), log4J, and Extent Report APIs for logging and generating interactive test execution reports.
* Proficient in devising all the artifacts of testing such as Test Scenarios, Test Cases, Defect Reports, and Test Summary Reports
* Experienced Test Lead with expertise in automation testing using the **Karate Framework** for API, UI, and performance testing.
* Extensive experience in back-end jobs, and Front-end testing
* Expertise in end-to-end software development and testing lifecycle management including design, development, deployment, test planning, status reporting, effort estimation summary reporting, execution, and defect rectification.
* Adept in analyzing functional requirements of clients, resolving complex issues, and BSS (Business Support System)
* Rich knowledge of managing development and test environment areas and patch management for different manual/ automation ST, SIT, Beta, and UAT areas.
* Expertise in DATA reporting.
* Can work as an Individual Contributor.
* Possesses a creative and innovative mindset with superb analytical, problem-solving, and team leadership skills.
* Self-motivated, energetic, and highly ethical in all work-related assignments thus able to immediately contribute to corporate goals and objects
* Good written, communication, interpersonal skills, proven team player with an analytical mind bent to problem solving and delivering solutions.

**Educational Qualifications:**

* Andhra University, Visakhapatnam — *MBA*

*October 2012 - April 2014*

* Kaushik College of Engineering, Visakhapatnam — *B.**Tech in Computer Science and Engineering*

*August 2006 - May 2010*

**Skills:**

* *Language:* **Java, and C# .Net**
* *IAM Platforms*: **Saviynt and SailPoint**
* *Testing:* **Manual, and Automation Testing**
* *Automation:* **Selenium WebDriver, Cucumber, BDD, Sikuli, Jenkins (CI/CD), Maven, TestNG, Bitbucket, Git and Git Hub**

*Database:***MySql**

* *Project management:* **Jira,** **You Track, HP ALM, and Microsoft TFS**

**PROJECTS:**

**Company: ScryAI, Delhi  
Project Name: IoTSense - NEOM**

*January 2024 – Present*

**Role:** QA Lead

**Project Description:** IOT SENSE is a standard-based horizontal IoT orchestration platform that integrates with various sensors, devices, and IoT systems, abstracts IoT implementations, provides unified data, and a standard way to access, monitor, and control heterogeneous IoT deployments. It is a core platform to Unify, Manage, and Control the organization’s IoT assets and enables the development of specialized applications and innovative use cases with contextual IoT data.

**Company: ScryAI, Delhi  
Project Name: Ground X - NEOM**

*July 2023 - December 2023*

**Role: Senior QA Engineer**

**Project Description:** NEOM’s AI-based platform provides centralized storage, distribution, and governance of digital assets, for optimized productivity, value, and efficiency. The visual organization of assets, strong AI and governance capabilities, smart search, and most cost-effective at 5,000+ TB of data owned by NEOM are so extensively customizable. Extensive AI tagging. AI team adapts models to recognize sector-specific taxonomies. The system itself can auto-generate videos on-demand from assets and add voiceovers.

**Responsibilities:**

* Involving in all the phases of the Software Development and Test Life Cycle (SDLC and STLC)
* Analyze and understand the Business Requirements and Statement of Requirements Documents, create test scenarios, and design and develop test scripts in HP ALM, Jira with Zephyr plugin, and TFS.
* Professional expertise in Smoke Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, UI Validation, and web services.
* Leading the implementation of Gen AI-based test automation, reducing manual efforts by 40%.
* Utilizing AI-powered test case generation and self-healing scripts to enhance test stability
* Integrated AI-enhanced test data generation for improved coverage and efficiency.
* Leading test automation efforts for a cloud-based SaaS platform, ensuring end-to-end functional and API testing with the Karate Framework.
* Develop test strategies, and plans, and maintain automation test data.
* Performed database testing with complex SQL queries to fetch and validate the data
* Identification of tool evaluation techniques for test automation (hands-on doing feasibility study /proof of concept), and defining automation strategy to implement for overall test automation engagement.
* Assist in the identification, selection, and implementation of tools, technologies, and practices that support the overall QA process
* Solid knowledge and experience in automation on Java using Selenium and expert in developing test automation frameworks
* Develop and continuously improve automated tests as new system features and enhancements are being developed
* Execute automated tests and manage the resulting defect log through the point of defect fix validation
* Ensure the appropriate test environments and infrastructures are in place and kept up to date
* Identify and report to product teams questionable functions, performance concerns, and inconsistencies
* Document and mentor QA engineers in the use of the testing framework. And having good hand experience in configuring CI/CD pipeline jobs using Jenkins, BitBucket and Git
* Contribute to accurate time estimates for automation test development
* Develop BDD framework and Gherkin language such as Cucumber using Selenium Web-Driver [Page Object Model Design pattern] and Apache Maven to manage a test automation's complete lifecycle. And Apache POI Library to implement data-driven tests.
* Create Generic and Web Driver Generic class’s function using core java for the entire Project and Experience in identifying elements by using different techniques like Id/Name, XPATH, and CSS
* Develop automation test cases in Java language using Eclipse/IntelliJ IDEs, with TestNG framework (Grouping and Parallel Execution), log4J, and Extent Report APIs for logging and generating interactive test execution reports.
* Maintaining code repositories with the latest version of automated test pack and well-versed with version control systems such as Bitbucket and GIT
* Collaborate with the software development team, and QA teams to identify and resolve software defects and enhance application quality through defect triage meetings
* Perform functional, regression, performance, and scalability testing of software systems to ensure they meet business and technical requirements
* Create comprehensive test plans, scenarios, and documentation to support testing efforts
* Conduct code reviews to ensure adherence to quality standards and testing best practices
* Utilize tools like Selenium, Appium, TestNG, JUnit, and API testing tools (e.g., Postman, Rest Assured) to validate application functionality
* Monitor and report test execution results, defects, and risks to project stakeholders
* Develop the Quality Gate Development process and procedures; deployed short and long-term Quality Improvement Programs)
* Set up and enforce standard test processes and deliverables (including defect management and quality metrics reports) within the gated process to streamline Testing activities, automation, and manual efforts

**Company: Simeio Development Center, Bangalore  
Project Name: Shell Access Management— SHELL**

*October 2021 - June 2023*

**Role: QA Consultant**

**Project Description:** Shell Access Management delivers next-generation IGA (Identity Governance and Administration) solutions that combine identity and security management in a single pane. An IGA platform that is risk-based and intelligent, driven by data analytics to manage business processes more effectively and efficiently. Designed on the principles of Micro Services and Machine Learning. Its interfaces are empowered by rich intuitive UI applications for business stakeholders, as well as IGA functions like Self Service, Access Request, Approval, and Access Certification.

**Responsibilities:**

* Develop test strategies, and plans, and maintain automation test data
* Develop and continuously improve automated tests as new system features and enhancements are developed
* Execute automated tests and manage the resulting defect log through the point of defect fix validation
* Identify and report to product teams questionable functions, performance concerns, and inconsistencies
* Document and mentor QA engineers in the use of the testing framework
* Assist in the identification, selection, and implementation of tools, technologies, and practices that support the overall QA process
* Contribute to accurate time estimates for automation test development

**Company: Conduent Business Services, Bangalore  
Project Name: Dearborn National — HCSC**

*February 2020 - October 2021*

**Role: IT Testing Engineer I**

**Project Description:** Dearborn National Life Insurance Company operates as an insurance firm. The Company offers life insurance, accident, illness, accident, education, and other related services. Dearborn National Life Insurance serves customers in the United States.

**Responsibilities:**

* Preparation of the Test Strategy and guiding the team.
* Involvement in the System Test Plan Preparation and Requirements Streamlining.
* Involvement in preparing Test Procedures, Test Scenarios, Cases and Test Data based on ADD, BRD, and Test Plan.
* Worked on framework creating with Page object model and Data-Driven
* Involvement in Test Execution, Results Analysis, and Defect Reporting.
* Involvement in RTM Preparation.
* Conducted Data-driven testing, cross-browser testing, and parallel test execution.
* Enhanced the Test Scripts for Global Execution.
* Involvement in solving Environmental problems along with Technical Support People.
* Prepared defect report and active participation in Defect triage meetings

**Company: Conduent Business Services, Bangalore  
Project Name: BlitzDocs — Conduent Mortgage Services**

*June 2018 - Jan 2020*

**Role: Quality Assurance Engineer**

**Project Description:** BlitzDocs is a secure, cloud-based electronic collaboration platform that improves communication, adapts to changing workloads, supports new regulations, and meets borrower demands. With BlitzDocs, every participant in the mortgage workflow can quickly process any document type—paper, paper-based image, or electronic—via a robust collaboration platform.

**Responsibilities:**

* Developed Test Design Based on the Use Case Specifications.
* Generated Test Scenarios, Test case documentation, and test data collection.
* Responsible for Functional and System Testing and Participation in Test Closure activities.
* Performed Database Testing using SQL queries to check the Data Validation and Integrity.
* A clear look at updating concepts and finding defects, sending it with suggestions.
* Designed test cases, executed them, and reported bugs.
* Conducted Functional testing with Valid and Invalid inputs for positive and negative testing.
* Communicated with the functional analyst regarding any issue clarifications.
* Reported the Coverage status of tests performed on a daily/weekly basis.
* Requirements Streamlining along with Project Management.

**Company: Xerox Business Services, Bangalore  
Project Name: Print and Mail — Bank of America**

*May 2015 - June 2018*

**Role: Technical Support Engineer**

**Project Description:** Bank of America Lockbox services are designed to expedite the collection of paper-based payments and provide timely payment information to update accounts receivable records. Lockbox services are usually provided by a third-party processor (usually a bank) that receives, opens, and processes payments for a government or business.

**Responsibilities:**

* Involvement in preparing Test Procedures, Test Scenarios, Cases and Test Data based on ADD, BRD and Test Plan.
* Responsible for Functional Testing, using Black box Testing Techniques.
* Involvement in Test Execution, Results Analysis, and Defect Reporting.
* Prepared defect report and active participation in Bug triage meetings
* Regression testing is performed on every new build of the application.
* Designed test cases, executed them, and reported bugs.