BOLLA DILIPCHOWDARY

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Objective:

Software Test Engineer with 6 years of total IT experience, including 5 years of hands-on expertise in Automation Testing using Tricentis Tosca. Skilled in designing, executing, and maintaining automated test scripts to ensure high-quality software delivery. Seeking to leverage my strong analytical, automation, and problem-solving skills to contribute to the success and continuous improvement of a forward-thinking organization.

Technical Experience

- I have over **6 years of total IT experience**, with **5 years of relevant expertise in Software Testing**, specializing in **Automation Testing using Tricentis Tosca**.
- Proficient in **Manual Testing (Functional, Regression, System, Integration, Sanity, and Smoke Testing)**.
- Hands-on expertise with **Tricentis Tosca Modules, Test Case Design, Execution Lists, and Requirements Management**.
- Certified **TOSCA Professional Expert (AS1, AS2, TDS1, TDS2)**.
- Strong knowledge of **STLC, Testing Concepts, and QA Methodologies** ensuring end-to-end quality delivery.
- Skilled in **Defect Management** using **Jira and HP ALM**, with expertise in reporting, prioritizing, and tracking bugs.
- Experienced in **API Testing** using **Tosca API Scan** and **Postman**.
- Proficient in **Test Design Techniques** such as **Data-Driven Testing, Modularization, Reusability, and Risk-Based Testing**.
- Extensive experience in **requirements/change request analysis, test planning, test case development, and execution**.
- Strong understanding and practical experience in **Tosca TCD, TDM, DEX, CI/CD/CT monitoring**, and automation best practices.
- Expertise in preparing **RTBs (Requirement Traceability Baselines)** and ensuring alignment with client expectations.
- Well-versed in **Agile (Scrum) methodology** with active participation in sprint planning, daily stand-ups, and retrospectives.
- Adept at preparing and maintaining **test documentation** such as Test Plans, Test Cases, and Traceability Matrix.
- Effective communicator with proven ability to **collaborate across development teams, onsite coordinators, and stakeholders**.
- Highly motivated team player with strong **leadership, problem-solving, and interpersonal skills**, ensuring smooth delivery in fast-paced environments.

Technical Skills

Testing Tools: Tricentis Tosca (Modules, Testcase Design, Execution Lists, Requirements), Jira, SAP MM, HP ALM
Operating System: Windows
Delivery Process: Agile (Scrum)
Testing Types: Functional, Regression, Integration, Sanity, Smoke Testing
API Testing Tools: Tosca API Scan, Postman
Defect Management: Jira, HP ALM
Test Design Techniques: Data-Driven Testing, Modularization, Reusability, Risk-Based Testing
Documentation: Test Plans, Test Cases, Traceability Matrix

Education Qualification

BSc Computers from Sri Venkateshwara University, Tirupathi, AP.

Certification
- TOSCsA Automation Specialist Level 1.
- TOSCA Automation Specialist Level 2.
- TOSCA TDS1
- TOSCA TDS2

Work Experience
- Working as **Senior Engineer** in **Voya India** from Oct 2024 to Till Date.
- Worked as **Senior Software Engineer** in **Wipro** from April 2022 to Jan 2024.
- Worked as **Associate Software** in **Mateotech Pvt Ltd** from Oct 2018 to Mar 2022

Professional Experience

Project:1
Project   : Amalgamated Banks of South Africa (ABSA
Role   : Automation Test Engineer
Environment: Tosca, Functional Testing, SAP MM, Jira, HP-ALM, Postman, Agile Methodology.

Project Description:
ABSA Banking is web-based application which has various modules related to Credit Cards, Payments, Loans, Standing Orders, Overdrafts, Debit Cards, and Accounts etc. Each of the modules has multiple submodules. This application is being used by customers by registering their details and activating secure key for application access.

Roles and Responsibilities:

- To automate the application using Tricentis TOSCA.
- Developed automated scripts for each of the manual test case which are selected for automation, also working on functions development /code optimization wherever possible.
- Performed API Automation and DB Automation.
- Creating RTS based on the frequency.
- Worked on the optimization of the scripts/functions wherever possible.
- Worked on execution of automation test scripts in batch/normal run mode also Worked on debugging/analysis of execution results wherever required.
- Worked on identification of best candidates for regression and smoke automation suites.
- Automated web based and mobile based test cases in TOSCA by following all standards and guidelines set for the project.
- Involved in peer review of the manual and automated test cases.
- Assisted manual & automation team in resolving technical queries/issues related to TOSCA.
- Participated in the daily calls with stakeholders, Involved in client communication for functional/technical queries/issues/defects etc.

Project:2
Project   : Standard Chartered Global Business Services.
Role   : Automation Test Engineer
Environment: Tosca, Functional Testing, SAP MM, Jira, HP-ALM, Postman, Agile Methodology.

Project Description:
Standard Chartered Global Business Services Private Limited provides back- office processing services. The Company offers wholesale and consumer banking operations, human resources services, finance and accounting services, software development and maintenance, helpdesk support, and IT solutions Leveraging on our global network we ensure that we offer the widest gamut of trade products and services ranging from traditional methods of facilitating imports and exports to innovative structured solutions.

Roles and Responsibilities:

- Worked on Requirement analysis and preparation of the understanding document.
- Worked on preparation of the test case scenarios.
- Developed Manual Test Cases for Regression Suite as well as for enhancements in the application.
- Execution of test cases and analyzing the results.

- Involved in reporting and tracking defects in Quality Center.

- Communication with SMEs for query resolution on daily basis.

- Worked on analyzing the new requirements, change requests of the application.

- Created test plan, test estimation and test automation strategy documents.

- Worked on identifying high level business scenarios for testing all features of the application.

- Designed Test Automation Framework in Quick Test Professional.

- Development of test scripts for smoke testing scenarios, test script execution, analysis of test script results in Quick Test Professional.

Project: 3
Project: MedSure Health Management System (MHMS)
Role: Automation Test Engineer
Environment: Tosca, Functional Testing, SAP, Jira, HP-ALM, Postman, Agile Methodology

Project Description:
MedSure Health Management System is a web-based healthcare application designed to manage patient records, insurance claims, billing, and hospital administration modules. The system integrates with various healthcare service providers, ensuring secure access to patient data and seamless claim processing. It supports multiple modules such as Patient Registration, Claims Processing, Provider Management, Billing, and Reporting, helping healthcare staff and patients maintain real-time medical and insurance information securely.

Roles and Responsibilities:

- Analyzed business requirements and functional specifications to design detailed test scenarios and test cases for healthcare modules like Patient Registration, Claims Processing, and Billing.

- Automated regression and functional test cases using Tosca to ensure consistent and efficient testing across releases.

- Executed API testing using Postman to validate claim submission, policy verification, and data synchronization between different healthcare services.

- Involved in end-to-end testing of SAP-integrated modules to verify billing and insurance claim transactions.

- Reported defects in Jira, tracked resolution progress, and participated in defect triage meetings with developers and business teams.

- Worked in Agile environment – participated in sprint planning, daily stand-ups, and sprint reviews.

- Prepared test summary reports and ensured test coverage metrics met quality standards before deployment.

Project: 4
Project: NetConnect Infrastructure Management System (NIMS)
Role: Test Engineer
Environment: Manual Testing, Functional Testing, Jira, Postman, Agile Methodology

Project Description:

NetConnect Infrastructure Management System is a web-based application developed to monitor, configure, and manage enterprise-level network devices such as routers, switches, and firewalls. The platform provides modules for Network Configuration, Device Health Monitoring, User Access Management, and Performance Analytics. It enables administrators to automate network provisioning, detect outages, and ensure secure connectivity across multiple data centers.

Roles and Responsibilities:

- Reviewed and analyzed **Business Requirement Documents (BRD)** and **Functional Specification Documents (FSD)** to understand system workflows and testing scope.

- Designed and documented **comprehensive test scenarios and test cases** covering modules like *Network Configuration, Device Health Monitoring, and User Access Management*.

- Performed **functional testing** to verify end-to-end workflows such as device registration, configuration validation, and network health monitoring.

- Conducted **UI and usability testing** to ensure the web interface displayed correct device information and supported responsive navigation.

- Executed **integration testing** to validate data flow between modules like *Device Management* and *Performance Analytics*.

- Performed **regression testing** after each sprint/release to ensure previously working features remained stable post-enhancements or bug fixes.

- Validated **REST API responses manually** using Postman before automation to ensure data accuracy and proper response codes.

- Documented and logged defects in **Jira**, provided detailed reproduction steps, and retested resolved issues to confirm closure.

- Participated in **daily stand-ups and sprint reviews** to discuss test progress, blockers, and quality risks with the Agile team.