Name: CHAKRAVARTHI   **Tosca Automation Engineer**
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PROFILE SUMMARY:

Automation Test Engineer with 4+ years of experience specializing in Tosca Automation. Skilled in designing and executing automation frameworks, object identification, synchronization, exception handling, reusable modules, and regression automation.

PROFESSIONAL EXPERIENCE:

- Working as SAP MM Consultant in "**Boven Technologies Private Limited"**, during from **February 2020 to till date**.

EDUCATION QUALIFICATION:

- **Bachelor of Technology (Electrical & Electronics Engineering)** from Jawaharlal Nehru Technological University.

SKILL - SET:

- Hands-on experience in Tosca Modules, Testcases, Test Sheets, and Execution Lists.
- Strong expertise in Tosca XScan for UI, SAP, and web application automation.
- Proficient in Testcase design using Reusability principles (Repetition, Conditions, Loops).
- Skilled in handling dynamic controls, synchronization, and wait strategies in Tosca.
- Experience in Test Data Management using Tosca TDM and synthetic data creation.
- Knowledge of Tosca Query Language (TQL) for efficient workspace search and optimization.
- Experience with Tosca Requirements Management and linking test cases to business requirements.
- Proficient in automating end-to-end business processes in SAP using Tosca SAP Modules.
- Familiar with Tosca execution using Continuous Integration tools (Jenkins/Azure DevOps).
- Experienced in debugging, error handling, and optimizing Tosca automation frameworks.

Project experience: 3

- Client: ASDA (UK E-Commerce Retail)
- Role: Automation Consultant
- Tools: Tosca Automation
- Duration: September 2024 – Present

Roles & Responsibilities

- Understanding and analyzing business requirements for various retail and e-commerce workflows.
- Designing, developing, and executing Tosca automation scripts for web-based grocery and retail modules.
- Working extensively on Object Identification and building reusable modular test components.
- Creating automation scripts using Libraries, Synchronization, Recovery Scenarios, Cleanup Scenarios, and Test Configuration Parameters.
- Executing the scripts using Scratch Book and Execution Lists and validating the execution outcomes.
- Reviewing execution results, preparing defect reports, and logging defects using JIRA.
- Performing Sanity Testing, Functional Testing, Regression Testing, and UI/Usability validations.
- Automating newly added modules and integrating them into the regression suite.
- Retesting previously reported defects and validating the impacted areas.
- Maintaining and reviewing Tosca automation scripts to ensure stability across releases.
- Identifying script failures, debugging root causes, and providing updates to team leads.
- Coordinating with functional teams to ensure complete test coverage.

Project experience: 2

Client: Incyte Corporation (Pharmaceutical Company)
Role: Automation Consultant
Tools: Tosca, SAP S/4 HANA, SAP Fiori, HP ALM, SAP SD, SAP PP
Duration: May 2023 – August 2024

Roles & Responsibilities

- Understanding and analyzing business requirements and translating HP ALM test cases into Tosca automation scripts.
- Designing, developing, and executing end-to-end automation scripts using Tosca with reusable components.
- Working extensively on Object Identification, Modular Frameworks, and SAP application workflows.
- Creating automation scripts using Libraries, Synchronization, Recovery Scenarios, and Cleanup Scenarios.
- Running automated test scripts using Scratch Book and Execution Lists and performing status tracking.
- Updating test scripts with actual results and preparing execution files for SAP SD, PP, Fiori, and S/4 HANA modules.
- Validating execution results, maintaining progress reports, and preparing defect reports for HP ALM/JIRA.
- Meeting weekly automation targets by scripting assigned test scenarios.
- Supporting UAT preparation through scenario mapping, security role mapping, and test data sheet creation.
- Retesting fixed defects from previous builds and ensuring regression stability.
- Coordinating with cross-functional teams and supporting new team members.
- Troubleshooting automation failures and providing updates to leads and stakeholders.

Project experience: 1

- Client: BestBuy (E-Commerce Retail)
- Role: Tosca Automation Tester
- Tools: Tosca Automation, JIRA
- Duration: September 2021 – April 2023

Roles & Responsibilities

- Understanding and analyzing business requirements and preparing high-level scenarios and test cases.
- Designing, developing, and executing Tosca automation scripts for end-to-end e-commerce flows.
- Working with Testcase, Modules, Requirements, Testcase Design, and Execution Lists in Tosca.
- Performing object identification and creating reusable automation modules.
- Creating automation scripts using Libraries, RTBS, Synchronization, Recovery Scenarios, Cleanup Scenarios, Business Parameters, and TCPs.
- Using Action Modes such as Verify, Select, Constraint, Wait On, and Buffer for validations.
- Executing the scripts in Scratch Book and Execution Lists and validating execution reports.
- Preparing and maintaining Test Data and TCD sheets.
- Using standard and user-defined modules for complex scenarios.
- Performing cross-browser testing on Firefox and Chrome.
- Developing new automation modules and integrating them into the regression suite.
- Retesting previously reported defects and validating fixes.
- Raising defects using JIRA with documentation and screenshots.
- Performing Functional and Regression testing within automation cycles.
- Developing and maintaining modular Tosca scripts to improve reusability.
- Interacting with clients and business teams to clarify requirements.
- Troubleshooting automation issues and providing updates to team leads.