

Balaji Perumalla  
Tosca Automation Engineer

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### Career Objective

Software Testing professional with 4+ years of experience in Manual and Tosca Automation. Seeking a role in an Agile and fast-paced team where I can leverage my expertise in SDLC, STLC, automation scripting, and various software testing tools to deliver high-quality automated solutions.

### PROFESSIONAL SUMMARY

- Over 4+ years of experience in Software Testing, including Manual and Tosca Automation, covering Functional, System, Regression, Smoke, Sanity and GUI testing.
  - 3+ years of experience in test automation using Tricentis TOSCA.
  - Proficient in System Testing for Windows and Web Applications.
  - Excellent working experience of Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC), Defect Life Cycle and methodologies like Waterfall and Agile/Scrum.
  - Experience in creating Modules using the X-Scan property, Developing Automation Test cases, setting up the Test Data and executing the Automation Test cases using **TOSCA**.
  - Strong knowledge of Test Automation Frameworks development and maintenance using TOSCA.
  - Good knowledge on Distributed Execution (DEX) for execution of TOSCA test cases from server side and on agent machines.
  - Expert in Object Identification techniques in Tosca.
  - TOSCA integrates with CI/CD tools to ensure that testing is part of the automated development process, improving software quality and speeding up delivery.
  - Hands-on experience in SAP SD module configuration, including sales organizations, distribution channels, pricing conditions, and credit management.
  - Provided end-user training on the SAP SD module to help users navigate the system.
  - Developed custom test automation libraries, enabling easier scripting and enhancing reusability across projects.
  - Improved team productivity by mentoring junior engineers in test automation techniques and best practices.
  - Ability to work under tight deadlines, collaborate with teams, and take ownership of responsibilities.
  - Worked with all TOSCA modules, including Modules, Test Cases, Requirements, Test Case Design, and Execution Lists.
  - Designed and implemented Test Automation Frameworks using TOSCA as an individual contributor.
  - Good Working Experience on Agile Methodology, Attending Standup calls, understanding User stories, effectively participating on Sprint Planning, Retro, Grooming/Refinement sessions and providing demos at end of Sprint.
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## EDUCATIONAL SUMMARY

Bachelor of Computer Science – Vikrama SimhaPuri University (2020)

1 | Page

## PROFESSIONAL EXPERIENCE

- Capgemini, Bangalore  
Tosca Automation Engineer | March 2025-Till to Date
- Qualitest India, Bangalore  
Tosca Automation Engineer | June 2024 – Aug 2024
- LTI Mindtree, Bangalore  
Testing Engineer | June 2023 – June 2024
- Vyom Labs, Pune  
Engineer | May 2022 – June 2023
- Tech Mahindra, Hyderabad  
Software Engineer | May 2020 – April 2022

## TECHNICAL SKILLS

- Testing Methodologies: Manual & Automation Testing
- Automation Tools: Tricentis TOSCA
- Operating Systems: Windows
- Project & Defect Management: JIRA, ALM
- Technologies: SAP and Web Applications

## PROJECT DETAILS:

Project #1:

Title : DIAGEO

Organization : Capgemini, Bangalore

Designation : Quality Analyst

Team Size : 6

Tools & Technologies : SAP S/4HANA, **TOSCA**, .Functional Testing, Regression Testing.

## PROJECT DESCRIPTION:

2 | Page

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Supported automation testing of SAP SD (Sales and Distribution) processes during the global implementation of SAP S/4HANA at DIAGEO, focusing on end-to-end OTC cycle validation, integration testing, and performance regression..

**Roles&Responsibilities:**

- o Collaborated with SAP functional team to understand business process scenarios in SD (Sales Orders, Deliveries, Invoicing, Credit Management).
- o Identified critical test cases for automation in OTC process.
- o Developed automated test scripts for SD transactions using [Tool Name – e.g., **TOSCA**]
- o Automated flows: Order Creation (VA01), Delivery (VL02N), Billing (VF01), Credit Block Release (ZV905)
- o Identified critical test cases for automation in OTC processes.
- o Parametrized test scripts for reuse across regions and plants.
- o Validated outputs: order confirmations, invoice generation, Billing Documents Creation.
- o Documented test cases, automation workflows, and reusable functions for future maintenance.
- o Conducted KT sessions for QA team and supported transition.
- o Preparing Execution report at the end of every sprint and sharing to clients/product owner or team lead.

**Project 2:**

Title : S/4 HANA Services

Organization : LTI Mindtree, Bangalore

Designation : Testing Engineer

Team Size: 5

Tools & Technologies : Automation & Functional Testing, Regression Testing.

**PROJECT DESCRIPTION:**

S/4 HANA Services are used to create and verify the Service contract and Service orders and all, Creating the Billing documents in Backend SAP GUI application and store BDR Numbers and checked in the frontend whether invoice and BDR's are created or not in On-Premises versions like OP2022, OP2021, OP2020, OP1909 and all.

SAP FI worked on End-to-end testing process of Service Contract & Service order related works and all.

**SAP CRM, SAP ERP** products I have good experience on that.

**Roles & Responsibilities:**

- Developing/Enhancing the code as per the requirements using Tosca tool.
- Ability to handle multiple tasks and work independently as well as in a team
- Involved in using Standard Modules and creating User defined Modules.
- Involved in Creating Test Cases according to Manual Test case documents.
- Involved in Creating the libraries.
- Involved in Creating Test data for Test cases using the TCDs.
- Involved in Regression Testing of multiple Test suites.
- Prepared the Test Reports based on the Test results.
- Preparing Execution report at the end of every sprint and sharing to clients/product owner or team lead.
- Followed Agile Methodology Life Cycle and JIRA.
- Good Experience on **SAP CRM** functionality, **SAP ERP** products and all.

## **PROJECT DETAILS:**

### **Project : 3**

Title : HAIER –Italy

Designation : Software Engineer

Client : Italy (SAP MM)

Team Size : 5

Tools & Technologies : SAP Automation Testing (MM), SLM

## **PROJECT DESCRIPTION:**

### **SAP MM:**

Basic procurement is a process of acquiring goods or services in the right quantity, at the right price, and at the right time. However, it is critical to maintain a right balance between quantity, price, and time. Consider the following example:

- Organizations try and keep inventory levels at a minimum, due to the prices associated with high levels of inventory; at the same time, it can be detrimental to stop production due to shortage of raw materials.
- Getting the minimum price for a product or service is often necessary, however it is equally important to maintain a balance between the product availability, quality, and vendor (seller) relations.

### **In these we followed 4 steps:**

1. **Determination of requirement:** It is the logical subdivision where it is determined what material or services are required, and which supplier can fulfill the requirements.
2. **Creating purchase requisition:** It is the phase in which the purchasing department is informed about the requirement of items or services. A requisition is an internal document.
3. **Goods receipt/ Invoice received:** It is the phase in which the material is received by the company and its condition and quality are being inspected. In this phase, an invoice is received from the vendor (seller).
4. **Invoice verification/Vendor Payment:** It is the phase in which the vendor (seller) is paid from the company and reconciliation of the invoice and PO is accomplished.

### **Roles & Responsibilities:**

- Actively involved in preparing daily status reports to track budget, execution and defect aging and shared with all the stockholders of the project.

- Efficiently & effectively initiated.

Daily status meeting with team and stock holders to ensure projects times lines are not slipped.

- Daily defect triage to track defects status.
- Extensively worked on manually testing software applications and developed test strategy/plans and test cases.
- Testing software programs to compare to specifications and documentation.
- Reviewed business requirements, test scenario and test scripts design, test reviews, test execution and defect.
- Documenting, tracking, & communicating test plans, test results, analysis, & problems using automation tools.

Project #4: Customer Care Ticketing System (T-Mobile)

Role: Engineer

Technology Stack: Tricentis Tosca, Jira, ALM

Client: T-Mobile

Description: The Customer Care Ticketing System (CCTS) manages and tracks customer support tickets, troubleshooting flows, and service requests, integrating multiple data sources for seamless issue resolution. Roles and Responsibilities:

- Developed Regression Suite for end-to-end functionalities.
- Designed Test Cases and managed Test Data.
- Implemented Tosca Best Practices for automation efficiency.
- Led team automation processes and strategy.
- Ensured high-quality test coverage across UI and backend services.
- Reported and monitored defect resolution using Jira.
- Conducted Requirement Analysis, Test Development, and Execution.
- Provided weekly reports on test coverage status.
- Attended Project meetings and collaborated with teams to resolve issues.
- Participated in weekly test leads calls and status update meetings.

**Certifications: AS1, AS2, TDS1, TDS2, SAP Level 1 & 2 Specialist**

**Declaration:**

I hereby declare that the above statements are true and complete to the best of my knowledge and belief.

**Balaji Perumalla**

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