

Vishnupriya Srinivasan

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Location: Chennai, India

Professional Summary

Highly skilled and certified Senior Test Automation Engineer with 12 years of diversified experience in the banking, healthcare, and pharmaceutical domains. Proficient in designing, developing, and executing robust automation frameworks using Tricentis Tosca with 4+ years of hands-on experience. Demonstrated success in end-to-end manual testing, regression cycles, Selenium-based automation, and CI/CD pipeline integration. Strong leadership skills with experience in managing testing teams and delivering high-quality software solutions in Agile, DevOps, and Waterfall environments.

Certified in Tricentis Tosca (AS1, AS2, TDS1, TDS2) and Selenium, with a strong commitment to quality and delivery excellence.

Core Competencies

- Automation Testing: Tosca TestSuite (4+ years), Selenium, API Testing (Tosca, SOAPUI), including team mentoring and leadership in test design
- Manual Testing: End-to-end functional, regression, UAT, and database testing, exploratory testing, and test plan preparation
- Database Skills: Advanced SQL (Joins, Subqueries, Aggregate Functions), ETL/Data Warehouse Validation
- CI/CD & DevOps: Jenkins pipeline integration for continuous testing
- Tools & Platforms: JIRA, HP ALM, Rational CLM, Jenkins, Selenium WebDriver
- Domain Expertise: Banking (Model Risk Governance, Loan Origination), Healthcare (Claims), Pharma (Drug Safety)

- Framework Design: Automation framework development from scratch using Tosca, incorporating both Tosca and Selenium approaches
- Agile/Waterfall/Hybrid Models: Experienced in SDLC/STLC in dynamic delivery environments

Professional Experience

Accenture, Chennai

Team lead | 2013 – Present

Project 1: Bank of America (Banking Domain) | 2023 – Present

- Role: Team Lead for Model Management Testing

- Leading the QA team for automation and manual testing of model governance applications.
- Designed and developed Tosca-based automated test suites for end-to-end validation of model lifecycle workflows.
- Ensured continuous testing by integrating Tosca scripts into CI/CD pipelines (Jenkins).
- Conducted complex database validations using advanced SQL to ensure data integrity and consistency.
- Actively participated in Agile ceremonies and collaborated with cross-functional teams to define test strategies.
- Contributed to framework optimization and troubleshooting of automation framework issues.
- Certified in Tricentis TOSCA with experience in Agile projects and Banking domain.
- Developed scripts for regression testing of banking applications using Tosca TestSuite.
- Collaborated with teams to identify test requirements and deliver high-quality test plans.
- Provided timely solutions for test automation issues, ensuring uninterrupted deliveries.

Project 2: Kaiser Permanente (Healthcare Insurance) | 2018 – 2022

- Executed manual and automated functional, regression, and UAT testing of claims processing systems.
- Automated 30% of repetitive test cases using Tosca, reducing overall regression time by 40%.
- Ensured test coverage for HIPAA compliance and business-critical workflows.
- Authored SQL queries for backend verification of insurance claims and benefits.

Project 3: Pfizer (Pharmaceuticals) | 2014 – 2017

- Tested patient safety and drug inventory management platforms using both manual and Selenium-based testing.
- Identified critical bugs in batch processing modules, improving system reliability by 25%.
- Participated in release cycles with cross-geography QA teams and regulatory compliance checks.

Certifications

- Tricentis Tosca Certifications: AS1, AS2, TDS1, TDS2

- Selenium Certified Professional

Education

Bachelor of Technology (B.Tech) – Chemical Engineering

AC Tech, Anna University, Chennai | 2009 – 2013

*School topper in 10th and 12th