

Name: Saravana Kumar D

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Designation: Senior Software Test Engineer (CTS)

Career Objective

To work in an environment that provides a challenging and rewarding career ensuring high-level job satisfaction. In the process apart from benefiting my employer, I also expect to learn for my overall career development.

Professional Summary

- QA Engineer with 6.5 years of experience in Software Quality Assurance field and complete STLC across diverse solutions that includes expertise in Automation testing (UI, API), Manual testing (Web, API, DB testing) with a solid understanding of Test Plan, Test Design, Test Data Management, Test Execution and Defect Reporting & Tracking.
- Participated in release planning, sprint planning, daily scrum, and retrospective in agile scrum environment.
- Expertise in working with Selenium Web Driver using TestNG for Automation testing.
- Experience in Continuous Integration/Continuous Development testing using Maven, Jenkins, and GIT.
- Experienced in writing complex CSS Selectors, Xpath expressions to identify web elements.
- Experienced in reading the test data from Excel spreadsheets using Apache POI and TestNG Data provider.
- Experienced in writing advanced JAVA classes, methods, Collections and utilize array, loops within different functions.
- Good Knowledge of JAVA fundamental OOPs concepts like encapsulation, abstraction, inheritance, and polymorphism.
- Strong expertise in Selenium using Cucumber BDD.
- Well versed in writing test scripts using Selenium.
- Well versed in creating Selenium frameworks from the scratch.
- Proficient in writing test cases and test scripts manually and automatically and in depth understanding of Software Test Life Cycle (STLC) and Defect Life Cycle.
- Extensive experience in Functional testing, Regression testing, Black box testing, GUI testing, Back End testing, Browser compatibility testing, Integration testing, System testing, User Acceptance Testing (UAT), Usability Testing, Accessibility Testing.
- Well versed in writing basic SQL queries to access data from multiple tables using joins to perform database testing in SQL server platform.
- Experience in Data driven framework (Apache POI), Keyword driven framework, Page Object Model and Cross browser (Selenium Grid).

- Strong Experience in MLEU, E-commerce and Insurance domain.
- Strong expertise in SOW creation, Test Estimations and Test strategy implementation.
- Expertise in root cause analysis of defects and failed test scripts
- Strong expertise in different Testing Methodologies such as Agile Scrum, Waterfall.
- Excellent logical, analytical, and testing skills with good communications skills.
- Quick learner and excellent team player with written and interpersonal skills

Experience Summary

- Currently working in **Cognizant Technology Solutions, Coimbatore** as **Senior Software Engineer (SDET)** since November 2022.
- Had worked in **Universal Softech HUB, Chennai** as **Associate - Projects** during April 2019 to November 2022.

Technical Skills

Ø Automation Testing: **Selenium using Java, with Cucumber BDD, Git, Github, Jenkins, Maven, TestNG, Cucumber BDD, Extent Reports, Cucumber HTML Reports.**

Ø Test Management Tools: **Jira, ADO, and Confluence.**

Ø Languages known: **Java, Gherkin.**

Ø Database: **MySQL.**

Ø Concepts: **Object Oriented Programming (OOPs).**

Ø Testing Tools: **Eclipse IDE, VS Code, IntelliJ , Postman.**

Ø STLC Methodologies: **Agile (Scrum & Kanban) and Waterfall**

Ø Packages: **Microsoft Office Suite (Access, Excel, Word, PowerPoint, One Note)**

Education Details

Degree with Branch	College/University	Year of Passing	CGPA
Bachelor of Technology (B.E-Civil Engineering)	Sona College of Technology, Salem	2017	7.01

Project Details

Company #2

Name: **Cognizant Technology Solutions – Coimbatore**

Project: **MLEU - Salesforce-Network Rails(June-2024 to Present)**

Job Title: **Senior Software Engineer (SDET)**

Roles and Responsibilities:

- Performed Automation testing on Web UI.
- Actively involved in all phases of Software Development Life Cycle (SDLC)
- Participated in release planning, sprint planning, daily scrum, and retrospective in agile scrum environment.
- Designed and developed Test Plan, Test Cases, and Automated Test Scripts
- Performed Smoke, Sanity, Regression, Release testing.
- Build and enhanced automated test framework using Selenium with TestNG and Cucumber BDD.
- Automated **250+ test cases** and logged **100+ bugs** (60% critical/blocker).
- Improved regression cycle time by **30%** through optimized Selenium-Cucumber framework.
- Managed a **4-member QA team**, mentoring freshers and conducting code reviews.
- Developed reusable automation utilities reducing manual effort by **40%**.
- Reworked on all the existing automation cases and made them dynamic and executable.
- Identified sanity and regression scripts and automated them using Selenium with TestNG and Cucumber BDD.
- Ensure automated script works properly by locating elements using Xpath and page object model (POM)
- Performed End-to-End testing considering all interfaces and subsystem for functional and non-functional testing.
- Generated status reports and Defect reports and presented them in status meetings.
- Tested all the corner cases and reported most of the requirement misses.

Company #2

Name: **Cognizant Technology Solutions – Coimbatore**

Project: **MLEU –UPS (NOV-2022 to June-2024)**

Job Title: **QA Engineer**

Roles and Responsibilities:

- Participated in all phases of **SDLC and STLC**, ensuring comprehensive test planning and timely execution.
- Created automation tools for various recursive tasks.
- **Collaborated with clients** to clarify requirements, communicate status updates, and ensure issue resolution.
- Maintained and updated **test artifacts in Azure DevOps (ADO)** including test cases, test plans, and bug logs.
- Learned and adapted to **REST-assured API automation**, enhancing backend testing capabilities.
- Designed and executed **API test cases and scripts**, validating responses and integration scenarios.
- Implemented **end-to-end API automation framework** with reusable utilities for request/response validation, authentication, and schema validation.
- Performed **CRUD operation testing (GET, POST, PUT, DELETE)** ensuring data integrity and API reliability.
- Developed **data-driven API test scripts** by integrating REST Assured with **TestNG Data Provider/Apache POI**.
- Designed **end-to-end regression suite for backend services**, reducing manual API validation effort by **40%**.
- Involved in maintenance of existing automation tools by changing the logic to adopt recent changes.

Company #1

Name: **Universal Softech HUB.**

Project: **Medical Insurance (April-2019 to Nov-2023)**

Job Title: **Associate - Projects**

Roles and Responsibilities:

- Experienced in **STLC** phases that involves **Sanity and Smoke testing, System Integration testing, Functional testing, User Acceptance testing, Regression testing and End-to-end testing.**
- Involved in creating a test automation framework from the scratch.
- Identifying Automation Scenarios from the set of Test cases/User stories identified in cycle.
- Automating scripts using Selenium Java using TestNG framework.
- Adopted POM for easy code maintenance.
- Adopted Hybrid framework in automation which uses Keyword and Test Data driven approach.
- Using GitHub as code repository and Jenkins for CI/CD.
- Integrated automated cases with Jira for reporting purpose.
- Have also performed manual testing on Web applications. API testing (Postman).
- Created several tools for reducing manual efforts such as Member Registration tool and API integration using VBA.
- Always been an available person for onsite coordination and client/ stakeholder triage activities.

Accomplishments

- **Awarded "Best Performer of the Year – 2024"** in the Salesforce department (Network Rails) at Cognizant for exceptional contributions and performance.
- **Recognized with multiple awards** including “Bravo,” “The Learner,” and “Worked Collaboratively” awards for consistent excellence, learning agility, and teamwork.
- Awarded **Best Commitment and Excellence award** from Client in Cognizant.
- **Mentored Gen Z fresher’s in Selenium automation**, delivering hands-on training and guidance to strengthen foundational testing skills and foster career confidence.
- **Using AI** -- Developed a custom Excel VBA tool for a local Mobile shop to simplify sales and stock tracking with a user-friendly interface.

Certifications & Courses

- Certified in **Software Testing and Selenium Java** in Cognizant Academy.
- Undertaken **Master Selenium Java** course in Udemy.
- Undertaken **Master Automation Rest Assured API** course in Udemy.
- Undertaken Jmeter course in Udemy.

Personal Details

- Name: D.Saravana Kumar
- Marital Status: Single
- Date of Birth: 16-04-1996
- Gender: Male
- Nationality: Indian
- Languages Known: Tamil & English
- Hobbies: Playing Badminton and Cricket, Listening to Music.

Declaration

I hereby declare that the details furnished are true to the best of my knowledge and assure that if given an opportunity to work in your reputed company, I will prove my worth and be up to your expectations and thereby justify my appointment.

Date:

Saravana Kumar.D

