NIVETHA SHANMUGAM

AUTOMATION TESTING SELENIUM | CORE JAVA | API | REST ASSURED | POSTMAN

OBJECTIVE

To pursue a challenging and rewarding career that leverages my professional skills, technical expertise, and stakeholder management abilities to contribute significantly to the organization's success

EXPERIENCE SUMMARY

- ✓ 3 years of experience in frontend and backend automation testing.
- ✓ Software Test Engineer at Sustine Solutions Pvt. Ltd. (July 2021 - Present)

SKILLSET

Selenium

- Proficient in using automation tools like Selenium WebDriver.
- Experience in automating web applications using the Selenium Hybrid Framework.
- Skilled in creating, modifying, and enhancing test scripts using Selenium.
- Expertise in handling different types of locators in Selenium.
- Participated in group, parallel, and batch execution of tests.
- Experienced in handling dropdown lists, pop-ups, and screenshots using Selenium WebDriver.
- Implemented OOP concepts in the Selenium Automation Framework.
- Experienced with TestNG for unit testing and report generation.
- Familiar with creating and adding elements into Page Object Model (POM) classes.
- Contributed scalable methods to the automation framework.
- Proficient in using Maven for build management, Git as a source repository, and Jenkins for CI builds.

Java

- Utilized Core Java to develop automation test scripts in Selenium.
- Applied script development strategies including Class, Collections, Interface, and Exception Handling.
- Strong knowledge of OOP concepts.

API Testing

- Experienced in performing CRUD operations.
- Skilled in performing REST API testing using POSTMAN and REST Assured.
- Well versed on API parameters and status codes.
- Knowledgeable in handling Bearer token authentication.
- Automated API Scripts using REST Assured with BDD approach.
- Performed validation using assertion in REST Assured.
- Worked with HTTP requests and responses, as well as path and query parameters.

CONTACT

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CORE EXPERTISE

- Core Java
- Selenium
- Rest assured
- Postman

PERSONAL TRAITS

- Eloquent
- Communicator Team
- Worker
- Attention to Detail
- Ability to Prioritize
- Methodical approach
- Adaptability
- Stakeholder Collaboration
- People Management

TECHNICAL STACK

- **Programming language:** Java
- **Programming Languages & IDE's:** Eclipse
- **Automation Testing Tools:** Selenium Web Driver, Rest Assured, Postman
- **Testing Frameworks:** TestNG
- **Defect Tracking & Project Management Tool:** JIRA
- **Test Build, Integration Tools & Version Control:** Maven, Jenkins, Git

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PROJECTS

1. **Project Name: Client care**
   Domain: CRM
   Team size: 7
   Project Duration: 22 months
   Project Description:

- A Customer Relationship Management (CRM) application is a software tool designed to help businesses manage and optimize their interactions with customers and prospects. It centralizes customer data, streamlines communication, and enhances the efficiency of sales, marketing, and customer service processes. By providing a unified platform for tracking customer interactions, managing leads, and automating workflows, CRM applications enable businesses to improve customer satisfaction, increase sales, and foster long-term customer loyalty.

- CRM tools help manage the entire sales process, from lead generation to closing deals. Sales teams can track opportunities, forecast sales, and measure performance against targets.

   Contributions:
   - TestNG and Maven based framework for testing, build management and generation of test automation report.
   - Involved in development of multiple POM classes with respect to each page of the application.
   - Extensively contributed to Parallel, Batch, Cross browser and Group execution test suites using TestNG.
   - Value added participation in all the related Agile ceremonies.
   - Integrated developed framework with GitHub and Jenkins.
   - Involved in reviewing automation scripts.
   - Involved in all agile sprint meetings like planning, scrum and review.
   - Experience in performing CRUD operations using Rest Assured and Postman tool.
   - Performed validation using assertion in Rest Assured and Postman.
   - Handling API parameters and Status codes.

2. **Project Name: PatientPlus**
   Domain: Health care domain
   Team size: 7
   Project Duration: 16 months
   Project Description:

- This project aimed to develop a web-based Health Care Domain System, which is used to handle all operations in hospitals and can provide a better service to patients. It is also providing better service to the administration to automate all the activities of the administration. It is developed to manage daily activities of a doctor with regards in maintaining his personal records, scheduling patient appointment, case history, doctors active, admission details, physical examination, investigation reports and daily progress.

- The main activities covered are Doctors Information, Patient Details, Nurse Information. This project also maintains Labs, Pharmacy, Blood Bank information's, also Admin handles all information, regarding appointments, availability of doctor, etc. This Project maintains the records of Birth, Death, admission and even medical records of all the patients.

Contributions:
- Involved in understanding the requirement and reviewing the requirement.
- Involved in writing Test Cases.
- Involved in Bug Triage Meeting.
- Involved in Brain Stroming Meeting.
- Reviewing the Test cases.
- Involved in Test Execution and Defect Tracking.
- Involved in Blackbox Testing such as Functional Testing, Integration Testing, Smoke Testing, Regression Testing.
- Interaction with the developer team for fixing of bugs.
- Managed impact area analysis across release.
- Defect Tracking and debugging.

EDUCATION

B.Tech from SONA COLLEGE OF TECHNOLOGY