

SOUNDAPPAN J

Software Test Engineer

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CAREER OBJECTIVE

To pursue a challenging role in software testing and quality assurance where I can apply my analytical, problem-solving, and technical skills to ensure the delivery of defect-free software products. I aim to contribute to the success of the organization by maintaining high testing standards and continuously improving my knowledge and expertise in the field.

PROFESSIONAL SUMMARY

- Having **1+ years** of experience in Software Testing and Quality Assurance with expertise in Manual and Automation Testing.
- Proficient in developing, executing, and maintaining automation scripts using **Selenium WebDriver, Java, and TestNG framework** with **Page Object Model (POM)**.
- Skilled in integrating test automation scripts with **CI/CD pipelines using Jenkins** for continuous testing.
- Expertise in **UI automation** testing and **cross-browser testing** to ensure application compatibility.
- Hands-on experience in **Appium** (Mobile Application) Testing.
- Strong experience in **API testing** using **Postman, Rest Assured** for validating response codes, headers, and JSON payloads.
- Good knowledge of SDLC, STLC, and Agile-Scrum methodologies.
- Expertise in analyzing test results, reporting defects, and working closely with developers to resolve bugs and improve product quality.

SKILLS

Programming Language	Core Java
Test Automation Tool	Selenium, Appium Mobile application testing (Hands-on)
Framework	TestNG
Build and CI/CD Tools	Jenkins
Version Control	GitHub
Project Management Tool	Linear
API	Postman, Rest Assured

EXPERIENCE

Organization	Designation	Years
Sterna	Software Test Engineer	Sep 2024 – Till Date

EDUCATION

Bachelor of Engineering: *Electronics and Communication Engineering*
Dr. Mahalingam College of Engineering and Technology

Nov 2020 – Jun, 2024
Pollachi, Tamil Nadu

PROJECTS

1. SELYEK

Client: Product

Domain: Security

Tools Used: Java, Selenium, TestNG, Jenkins, Test Link, Linear, GitHub,
Appium(Hands-on experience)

Testing Approach: Web Automation, API Automation

Description:

SELYEK delivers secure, keyless entry through smartphone apps, biometric recognition, or face ID, while providing an online activity log to monitor access. It also includes an online activity log to track who enters and exits, boosting safety and accountability. This advanced solution is ideal for safeguarding homes and businesses.

Roles and Responsibilities:

- ❖ Design and implement the automation architecture for testing the application.
- ❖ Establish frameworks for functional, performance, and security testing.
- ❖ Coordinate with cross-functional teams for seamless project execution.
- ❖ Identify blockers and bottlenecks in automation processes.
- ❖ Generate practical and innovative solutions to handle challenges effectively.
- ❖ Collaborate with development and testing teams to resolve integration issues.
- ❖ Explore and adopt innovative tools and methodologies to optimize automation performance.
- ❖ Advocate for best practices in coding, version control, and CI/CD pipelines.
- ❖ Continuously improve test coverage and workflow optimization.
- ❖ Provide regular updates on automation progress, test coverage, and identified issues.
- ❖ Deliver detailed testing outcome reports and recommend improvements for quality and security.
- ❖ Ensure transparency with stakeholders through effective communication.
- ❖ Performed API testing using Postman, ensuring accurate validation of request/response, automating test scripts, and verifying seamless integration of APIs with backend systems.
- ❖ Performed hands-on mobile automation testing using Appium on Android/iOS platforms, configuring and executing tests on both emulators and real devices configurations to ensure cross-device compatibility.

2. Hotel Booking – Adactin Application

Client: Personal Project

Domain: Travel & Hospitality

Tools Used: Java, Selenium WebDriver, TestNG, Maven, Page Object Model (POM), GitHub, Allure Reports

Testing Approach: Web Automation

Description:

This project involved automating end-to-end test cases for the Adactin Hotel Booking web application. The tests covered key features including user login, hotel search, room booking, order confirmation, and logout functionalities, ensuring the stability and correctness of the application's core workflows.

Roles and Responsibilities:

- ❖ Designed and implemented automation framework using Page Object Model (POM) design pattern.
- ❖ Automated test scenarios covering login, search hotels, select hotel, book hotel, and logout flows.
- ❖ Implemented wait strategies (explicit/implicit) to handle dynamic web content.
- ❖ Executed test cases on multiple browsers to validate cross-browser compatibility.
- ❖ Generated detailed Allure reports with step-wise logs and screenshots for failures.
- ❖ Managed code using GitHub for version control.
- ❖ Organized test execution using Maven and integrated test results into CI/CD pipelines.

3. API Automation – FakeStoreAPI & ReqRes

Client: Personal Project

Domain: E-commerce / Dummy API

Tools Used: Java, Rest Assured, TestNG, Maven, Jenkins, GitHub, Postman

Testing Approach: API Automation

Description:

Automated REST API test cases for FakeStoreAPI and ReqRes to validate CRUD operations, status codes, and JSON schema validation.

Roles and Responsibilities:

- ❖ Created and executed automated test scripts for GET, POST, PUT, PATCH, and DELETE methods.
- ❖ Performed schema validation, status code checks, and response verification.
- ❖ Used Postman for manual testing and Rest Assured for automation.
- ❖ Managed test execution using TestNG and Maven.
- ❖ Integrated tests into CI/CD using Jenkins and version control via GitHub.
- ❖ Validated real-time scenarios like invalid inputs and pagination

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Coimbatore

(SOUNDAPPAN J)