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OBJECTIVE

Detail-oriented and proactive **Software Development Engineer in Test (SDET)** with over 5.5 years of experience in automation testing across UI and API layers using **Selenium, Rest Assured, and Cypress**. Adept at building end-to-end automation frameworks, performing API validations, and integrating test suites within CI/CD pipelines (Jenkins) to ensure continuous delivery and quality assurance. Experienced in **Import-Export, CRM, and Banking domains**, driving efficiency by improving test coverage and reducing manual testing efforts.

TECHNICAL SKILL

Automation Tools: Selenium, Cypress, Rest Assured, Postman.

Programming Languages: Java, JavaScript, SQL.

Testing Types: API, Functional, Regression, Integration, Smoke, UAT, Cross Browser, Parallel Execution.

Frameworks & Tools: TestNG, Maven, Jenkins, Newman, Allure, Docker, Grafana.

Version Control: Git, Bitbucket.

Build / CI Tools: Jenkins, Maven.

Cloud: AWS.

Other Tools: Jira, ALM, Eclipse, VS Code, MySQL, Linux, Zoho.

WORK EXPERIENCE

Score me Solutions Pvt. Ltd. [08 August 2024] to [31 July 2025]

Broadway Infotech [12 December 2022] to [25 October 2023]

Arrow Bench Solutions [17 May 2019] to [09 December 2022]

5.5 years of experience into **Automated testing , Rest Assured , Cypress, API and Manual** of different kinds of applications like Web, Windows and Mainframe. Proficient with Test Documentation including developing Test Cases, Test Procedures and Test Results Reports. Extensively experienced in developing and executing Test Cases based on business, functional and system specifications. Proficient in the creation and maintenance of automated test scripts.

PROJECT DETAILS

Selenium UI Automation Framework

Client : Scoreme Solutions | **Domain :** Fin-Tech | **Duration :** Aug 2024 – July 2025

Client : Impex Docs | **Domain :** Import-Export | **Duration :** Dec 2022 – Oct 2023

Client : Soffront | **Domain :** CRM | **Duration :** Nov 2019 – Dec 2022

Project_Summary : Worked on developing and maintaining a data-driven automation framework using Selenium WebDriver, Java, TestNG, and Maven to ensure scalable and maintainable UI test automation across multiple application modules. The framework was designed to execute test cases across diverse data sets, enhancing test coverage and optimizing regression cycles for consistent product quality and faster feedback.

Designed a modular and reusable test framework architecture, leveraging TestNG as the execution engine and Maven for project structuring and dependency management. Implemented data-driven testing using Apache POI and CSV integration, enabling automated validation across varying input combinations. Utilized TestNG annotations and assertions for structured test control, validation, and parallel execution to accelerate test runs.

Integrated Log4j logging and TestNG HTML reports to provide detailed execution insights and error traceability. Collaborated with QA and development teams to align automation coverage with the CI/CD pipeline (Jenkins), supporting automated nightly builds and continuous validation. Improved overall framework maintainability by applying the separation of concerns principle, using parameterized test methods, and reducing redundancy in test scripts.

Tools & Technologies : Selenium WebDriver, Java, TestNG, Maven, Apache POI, log4j, Jenkins, Bitbucket, CSV, Allure, Extent, Selenoid, Docker.

Cypress API Automation Framework

Client : Scoreme Solutions | **Domain** : Fin-Tech | **Duration**: Aug 2024 – July 2025

Project_Summary : Worked on multiple API automation initiatives including **Bank Statement Aggregator (BSA), GST, KYC, MCA, and Legal** projects. Each service handled different financial and compliance processes — for instance, the BSA API analysed client bank statements to help banks evaluate loan eligibility and determine credit limits.

Designed and implemented a Cypress-based API automation framework using JavaScript, following modular and maintainable automation architecture. Automated smoke and regression test suites validating status codes, schema structure, and response payloads through Postman and Swagger-based API contracts.

Actively collaborated with developers and product teams in an Agile/Scrum environment to refine API specifications, participate in sprint planning, and ensure early defect detection. Conducted code reviews for junior QA engineers and contributed to maintaining high automation standards.

Integrated tests within the CI/CD pipeline (via Jenkins) to enable continuous validation and reporting. Achieved significant process efficiency by reducing manual testing efforts, increasing test coverage, and accelerating release cycles across multiple projects.

Tools & Technologies : Cypress, JavaScript, Postman, SQL, Jenkins, Bitbucket, Allure, Grafana, Jira, Newman, JSON, RESTful APIs.

Rest Assured API Automation Framework

Client : Impex Docs | **Domain** : Import-Export | **Duration** : Dec 2022 – Oct 2023

Client : Soffront | **Domain** : CRM | **Duration** : Sep 2020 – Dec 2022

Project_Summary : Developed and implemented a robust Rest Assured-based API automation framework using Java, TestNG, and Maven to validate and ensure the quality, reliability, and security of RESTful web services. The framework supported end-to-end validation of APIs, improved test coverage, and streamlined regression testing through automation integration.

Created a modular, data-driven test design to validate response payloads, headers, schema structures, and status codes across different environments. Implemented authentication flows such as Basic Auth, Bearer Token, and OAuth 2.0 to validate secure endpoints. Collaborated with development teams using Postman and Swagger for API contract validation and change verification.

Integrated automated test suites into the CI/CD pipeline (Jenkins) for continuous validation and early feedback. Utilized Mock Server for isolated testing scenarios and generated detailed Extent Reports for execution visibility and traceability. This automation effort reduced manual regression effort, enhanced release stability, and improved overall API quality for both client platforms.

Tools & Technologies : Rest Assured, Java, TestNG, Maven, Jenkins, JSON, Postman, Mock Server, Bitbucket, Jira, Extent.

Soffront CRM (Enterprise CRM Product Development)

Client : Soffront | **Domain :** CRM | **Duration :** May 2019 – Dec 2022 | **Approach :** Manual Testing

Project_Summary : Contributed to the testing of Soffront CRM, an enterprise solution offering modules for sales, marketing, customer service, and project management. The application enabled lead management, quote generation, customer support, and multi-channel communication to improve client engagement and business efficiency.

Key Contributions :

- Designed and executed manual, functional, and regression test cases based on business and functional requirements.
- Analyzed specifications and created detailed test designs and documentation aligned with project requirements.
- Logged, tracked, and managed defects using Zoho while collaborating with developers for quick issue resolution.
- Conducted User Acceptance Testing (UAT) to validate functionality and ensure readiness for production deployment.
- Categorized incidents based on severity and provided clear defect reports to streamline debugging.
- Worked closely with QA leads and cross-functional teams to maintain product quality and release accuracy.

Tools & Technologies : Zoho, Excel, ALM, Test Case Management Tools, Windows OS, Web Applications

EDUCATION CREDENTIALS

Bachelor of computer application from Punjab Technical University, Punjab (2012-2015).

CERTIFICATION

Linux Fundamentals from **Learn Quest**

Verify at: <https://coursera.org/verify/RAPRMSTGA5JT>

Introduction to Agile Development and Scrum from **IBM**

Verify at: <https://coursera.org/verify/GL59KFSXZ8PD>

Agile with Atlassian Jira from **ATLASSIAN University**

Verify at: <https://coursera.org/verify/9AREFU7XPX3J>

DECLARATION :

I hereby declare that the details furnished above are true and correct to the best of my knowledge. I solemnly confirm all the information provided above is true to the best of my knowledge and belief.

PLACE : New Delhi

DATE :