

# MOSES

## SENIOR QA ENGINEER II

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### Profile Summary

Software QA with an extensive background in Selenium-based automation. On the hunt for a role that empowers me to lead automation framework initiatives, ensuring that testing processes are more efficient and accurate.

### Education

**B.sc Computer Science - 2015**

Bishop Heber College

### Work Experience

**REVOLITE INFOTECH PVT LTD**

*Jan 2023 - Till Present*

**TECHVERSANT INFOTECH**

*Feb 2020 - Jan 2023*

**COGNIZANT**

*Apr 2017 - Dec 2019*

### Career Summary

- A highly skilled QA Engineer with 8+ years of experience in manual and automation testing, ensuring high-quality software delivery across web, mobile, and API applications.
- Expert in developing and maintaining Selenium and Playwright automation frameworks, utilizing Cucumber BDD, TestNG, Data-Driven and Page Object Model (POM) methodologies.
- Skilled in writing and optimizing Java and JavaScript code for efficient and maintainable test automation.
- Strong background in API testing using Postman and Rest Assured, ensuring seamless validation of RESTful web services.
- Experienced in database testing and writing SQL queries to extract and validate data for backend process verification.
- Hands-on experience with CI/CD pipelines, leveraging Maven for build management and integrating with Jenkins and Git for continuous test execution in DevOps environments.
- Proficient in defect tracking and management using JIRA and Azure DevOps, ensuring comprehensive bug reporting and resolution.
- Well-versed in Agile methodologies, actively participating in Sprint planning, daily Scrum meetings, Sprint reviews and retrospectives to align testing efforts with business goals.
- Experienced in conducting both functional and non-functional testing, ensuring successful implementation and integration of application changes into production.
- Dedicated to delivering high-quality, defect-free software, meeting short-term customer deadlines while ensuring robust test coverage and automation efficiency.

### Skills

- Test Automation - Selenium & Playwright
- Test Manual - Mobile Testing & Android Testing
- Framework - Cucumber BDD, TestNG, Data-Driven and POM
- Languages - Core Java, Java Script and SQL
- SCM & CICD - GIT & Jenkins
- Build Management - Maven
- Defect Management - JIRA & DevOps
- Load Testing - J Meter
- API testing - Postman & Rest Assured

## Projects

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### Sandhills - Carolina Behavioral Care (Revolite)

**Domain:** Healthcare

**Description:** Sandhills is a web-based application developed for Carolina Behavioral Care, a physician-managed behavioral healthcare organization. The platform provides patients with essential information regarding treatment services, payment processing, insurance details, and appointment scheduling. The main goal of the project was to streamline the patient onboarding and billing process while ensuring secure and HIPAA-compliant data handling.

### Roles & Responsibilities

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- Reviewed business requirements and developed test scenarios, test cases and automation scripts for healthcare processes.
- Designed and executed automation scripts using Playwright, JavaScript and Cucumber BDD, ensuring seamless functionality across browsers and platforms.
- Tested API endpoints for treatment services, payment processing and appointment schedules using Postman and REST Assured to validate backend operations.
- Developed a Page Object Model (POM)-based framework, optimizing test script reusability and execution efficiency.
- Integrated automated test scripts with Jenkins for CI/CD.
- Logged and tracked defects in JIRA, collaborating with developers to resolve issues.
- Validated database transactions using SQL queries, ensuring data accuracy in patients accounts, treatments, and payment records.
- Engaged in Agile ceremonies, including sprint planning, daily stand-ups, and retrospectives, ensuring continuous alignment with business and development teams.

### The HARTFORD (Techversant)

**Domain:** Insurance

**Description:** The Hartford is headquartered in Connecticut, United States. They provide property and casualty insurance, group benefits and mutual funds. As an insurer, it is important to understand risk. Rising greenhouse gas emissions and increased climate-related disasters are a reality that the insurance industry cannot ignore. Hartford sees benefits to underwriting businesses operating in clean energy and investing in renewable products, such as solar and wind.

### Roles & Responsibilities

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- Conducted manual and automation testing for various insurance modules, ensuring seamless functionality across web and mobile platforms.
- Performed functional, regression, system integration, and cross-browser testing to validate insurance operations, including policy issuance, claims processing, renewals, and premium calculations.
- Executed SQL queries to verify backend data accuracy, ensuring correct policy details, claim records, customer information, and financial transactions.
- Automated workflows using Java, Selenium WebDriver, and TestNG framework, enhancing test coverage and execution efficiency.
- Collecting test metrics like response time, latency, TPS, error rate, and throughput using J Meter.
- Identified and logged defects in JIRA, collaborating with developers and stakeholders for quick resolution.
- Assisted in User Acceptance Testing (UAT) by preparing test scenarios, supporting end users, and verifying final system performance before production deployment.
- Integrated Jenkins, Git, and Maven for CI/CD, enabling automated test execution and seamless deployment processes.
- Worked closely with business analysts, product owners, and developers in Agile/Scrum environments, contributing to sprint planning, daily stand-ups, and retrospective meetings.

## Citi Bank (Cognizant)

### Domain: Banking

**Description :** Citi Retail Services is one of Singapore's largest providers of private-label and co-brand credit cards for retailers. It deals with the retail services of Citi bank for APAC countries like SAO (Account Opening), Profile (Customer profile) and CI (Cards Initialization).

## Roles & Responsibilities

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- Manual testing was performed, meticulously identifying defects to ensure data accuracy and system reliability.
- Test requirements were understood and analyzed to ensure comprehensive coverage.
- Test plan documentation was prepared to outline the testing approach and strategy.
- Test scenarios were derived, test cases were documented, and test data was collected for functional testing.
- Test batches were created, test cases were executed, and defects were reported to track software issues.
- Testing was conducted with valid and invalid inputs, including database testing for data integrity, manipulation, and comparison.
- Smoke, sanity, retesting, and regression testing were performed on modified software builds.
- Test metrics were collected, and documentation was maintained for process improvement.
- MySQL Server was used for in-depth data validation in finance software, ensuring data integrity and confidentiality.
- Test cases and test data were updated to reflect changes in requirements and application updates.

## Key Skills

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- Software Testing (WEB)
- Manual / Automation Testing
- Product Requirement Analysis
- Agile Methodologies
- Test Planning
- Test Scripting
- Debugging

## Awards

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- **Outstanding Quality Champion** – For consistently maintaining high-quality standards in software testing and defect prevention.
- **Process Optimization Award** – Recognizing efforts in improving QA processes, reducing testing time and increasing accuracy.
- **Mentor of the Year** – For guiding junior testers, sharing knowledge and enhancing the team's capabilities.