



# James Michael Lacson

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## Objective:

To obtain a challenging position as **SDET (Software Development Engineer in Test)** in a high quality environment where my resourceful experience and technical skills will add value to organizational operations.

## Career Summary:

- ❖ Over 6 years of experience in **Manual Testing** and **Automation testing** of web based applications
- ❖ Automated web based applications using **Selenium WebDriver** with **Java**
- ❖ Diagnosed and eliminated redundant tests or tests that didn't add value from sanity and regression suites
- ❖ Optimized regression suites by automating manual tests that were better suited for automation
- ❖ Spearheaded **framework conversion** to implement **Serenity BDD** for robust features and reporting capabilities
- ❖ Well experienced with **SDLC** (Software development life cycle), **STLC** (Software testing life cycle), and **DLC** (defect life cycle)
- ❖ Participated in **Agile Scrum meetings** with essential understanding of Agile Scrum Methodology
- ❖ Competent **mastery** of **SQL** (Structured Query Language), specializing in **DDL** (Data Manipulation Language) and **DML** (Data Definition Language) commands
- ❖ Skillful in developing **Behavior Driven** Frameworks, using Page Object Model and Page Factory Design
- ❖ Sophisticated practice of **Page Object Model** and **Page Factory Design** for implementing automation frameworks
- ❖ Automated **Cucumber BDD** Feature Files using **Page Object Model**, managed dependencies with **Maven** using **Gherkin** language.
- ❖ Performed manual **API** testing (REST) using **Postman**. Also, automated **API** testing using **Rest-Assured** Java library
- ❖ Comprehensive knowledge version control system **Git** using **BitBucket** and **Github**
- ❖ Skillful in **Object Oriented Programming** and **Functional programming** with **Java**, creating only well organized and readable code.
- ❖ Accustomed to creating dynamic **Xpath**, **CSS** selectors, for complex Webelements that remain functional over several design changes
- ❖ Well practiced in dealing the **iFrames**, web tables, and other typically troublesome web elements
- ❖ Participated in test strategy planning, scheduling, reporting, and tracking.
- ❖ Matured know-how in implementing Cucumber step definitions
- ❖ Skillful use of **Selenium Synchronization** methods, using **explicit**, **fluent**, and **implicit** waits for speed and reliability
- ❖ Experience with **GSON Java library** in **Serialization** of **POJO** and **De-Serialization** of **JSON** objects

- ❖ Trained in use of **Apache POI** library to read test data from excel files for use in test **validation**

## Skills:

Technical	Selenium WebDriver, Java, Serenity BDD, TestNG, Junit, Cucumber BDD, Apache Maven, GIT(GitHub/BitBucket), Jenkins, Oracle SQL, JDBC, Rest API, Jira, Trello
Languages	Java, Oracle SQL, Java, HTML, XML, Gherkin
Non-Technical	Agile-Scrum Methodology, WaterFall Methodology, SDLC (Software development life cycle), STLC (Software testing life cycle), and DLC (defect life cycle)
Certifications	Oracle Java SE 8 Programmer I

**4Stay.com, Tysons Corner VA**

**SDET**

**July 2016 – Present**

## Responsibilities:

- ❖ Performed **API** test automation with **Rest-Assured Java** library and Postman for manual testing
- ❖ Utilized **GSON** Java library to De-Serialize JSON objects into POJO and verified data against UI
- ❖ **Created Automation testing framework** from scratch.
- ❖ Utilized **Selenium WebDriver** with **Java** to automate test cases.
- ❖ Implemented **Serenity BDD**, a top layer over **Selenium WebDriver** with **Java**, that improved testing transparency for non-technical team members
- ❖ Participated in following **Agile-Scrum ceremonies**; daily scrum, sprint grooming, sprint planning, and sprint retro meetings
- ❖ Designed, developed, and maintained **regression** test suite
- ❖ Configured **Jenkins** to automatically run **smoke** test build on essential functionalities
- ❖ Performed cross browser testing and parallel testing for **AUT** on **Chrome, Firefox, and Edge**
- ❖ Utilized **Maven** to manage dependencies and plug-ins throughout framework
- ❖ Employed **Apache POI** library to read test data from excel files for use in test cases
- ❖ Executed manual test cases on **UI** functionalities
- ❖ Completed **Data driven** testing to **validate** the against **UI** using **Selenium**
- ❖ Collaborated with business side team members and domain experts to create the end to end scenarios for user stories
- ❖ Created **Cucumber Feature Files** in concert with expertise from technical and non-technical team members.
- ❖ Using **Gherkin** Language, created **Cucumber** BDD scenarios and implemented them
- ❖ Used **Facebook Graph API** and **UINames API** to create test data for Data Driven scenarios
- ❖ Confirmed good data integrity by checking 4Stay API data against data from UI
- ❖ Used **Trello** as a work flow and defect tracking tool throughout defect life cycle
- ❖ Verified the UI values by grabbing them with selenium locators like id, **CSS, Xpath**.
- ❖ Developed **reusable** Java **utility methods** to be used in multiple scenario implementations

**Environment:** Selenium WebDriver with Java, Serenity BDD, Trello, Maven, Gherkin (Cucumber), Junit , Jenkins, Angular JS 1.6, Bootstrap, Elastic Search, Twillio, Chrome, Firefox, Edge, MS Office, and Windows.

**Responsibilities:**

- ❖ Collaborated on two teams, first on team with **Selenium WebDriver** with Java automating user stories involving UI functionalities, the other team, verifying UI against backend **Oracle SQL** data
- ❖ Used **Selenium WebDriver** with Java to automate test cases for regression suite and smoke test
- ❖ Utilized **JDBC** library to validate UI against **Oracle SQL database**
- ❖ Collaborated with development teams to investigate and correct software defects and deficiencies based on testing results and involved in defect tracking and resolving production logs. (needs edit)
- ❖ Used Jira as a defect tracking tool throughout defect life cycle
- ❖ Penned accurate and efficient **SQL** queries utilizing **DML** (Data Manipulation Language) commands to verify data against **AUT** (Application Under Test) UI
- ❖ Manually executed test cases that were not suited for automation
- ❖ Thrived in a dynamic Agile-Scrum environment and participated many Agile-Scrum ceremonies
- ❖ Attended and participated in **Sprint Planning** and **Sprint Grooming** meetings
- ❖ **Refactored** and updated existing test scripts in **regression** suite to improve efficiency and readability
- ❖ Replaced absolute **Xpath Webelement** locators to improve speed and reliability
- ❖ Implemented **Cucumber** BDD into existing stable framework, converted existing automated test scripts to Cucumber Feature files and step definitions
- ❖ Used soft skills to communicate sometimes difficult or sensitive information
- ❖ Communicated and collaborated with Development team to resolve and retest defects
- ❖ Wrote **SQL** Queries and automated test cases that verified backed data integrity
- ❖ Used **Jenkins** to execute test scripts with **Selenium Remote Driver** to access **Selenium Grid** for **Cross Browser** testing
- ❖ Used **Cucumber** Feature Files while automating Test Cases. Implemented scenarios
- ❖ Created many reusable Java utility methods and classes that were utilized in multiple test scripts

**Environment:** Selenium WebDriver with Java, Selenium Grid, Jira, Gherkin (Cucumber),TestNG , Jenkins, Chrome, Firefox, Internet Explorer,MS Office, and Windows.

**Responsibilities:**

- ❖ Wrote and executed test cases using User Stories written by Business Analyst.
- ❖ Automated test cases for smoke test suite and **regression suite** using **Selenium WebDriver** with **Java**.
- ❖ Created efficient and reliable Web Element locators by ids, class names, link text, partial link text, **CSS, Xpath**
- ❖ Completed **Cross Browser** testing on Chrome, Firefox, Internet Explorer
- ❖ Executed **manual test** cases and logged results in **Jira**

- ❖ Fine-tuned and refactored automation code thus creating more dynamic and readable code
- ❖ Created automation scripts that created test data for manual testing
- ❖ Tracked and managed defects during **defect life cycle** using **Jira**.
- ❖ Maintained **regression suite** automation code, updated scripts when necessary
- ❖ Executed and maintained **smoke** test suite automation code, updated scripts when necessary
- ❖ Expert in using **StringBuilder** and various string methods like split, substring, trim, and contains for **string manipulation** when test case automation calls for it
- ❖ Verified the UI values by grabbing them with selenium locators like id, **CSS**, **Xpath**.
- ❖ Fashioned numerous reusable Java utility methods that were used in various testing suites
- ❖ Actively **maintained** and fine-tuned **Regression** suite to optimize speed and reliability
- ❖ Participated in team meetings to give the project status updates and discuss for any technical issues in the project that are faced by team members

**Environment:** Selenium WebDriver with Java, Selenium Grid, TestNg, Jenkins, Chrome, Firefox, Internet Explorer Oracle SQL, MS Office , and Windows.