**Satish** Pavuluri

Lead QA AUTOMATION AND MANUAL ENGINEEER



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**PROFESSIONAL SUMMARY:**

* 12+ years of experience in **software testing**, **software release management**, and **quality** **improvement** **processes** across diverse domains including **e-commerce**, **banking** and **healthcare**.
* Experienced in end-to-end software testing processes for various software releases. Proficient in both **Waterfall** and **Agile SCRUM** methodologies.
* Skilled in a wide range of **software testing** **methodologies**, including **usability**, **smoke**, **sanity**, **positive**, **negative**, **data-driven**, **regression**, **unit**, **black box**, **white box**, and **integration testing**.
* Experienced in creating and maintaining **Continuous Integration/Continuous Development** (**CI/CD) pipelines** for automation projects using **GIT, Jenkins**, **AWS**, and **Azure** involving tasks such as pipeline configuration, version control integration, and continuous integration setup.
* Proficient in creating, executing, and troubleshooting performance test scripts with tools like **LoadRunner** and **JMeter**.
* Skilled in managing defects, **tracking bugs**, and reporting issues using tools like **Jira** and **Bugzilla**.
* Competent in designing, developing, and enhancing automated test scripts for **Selenium** using Java.
* Skilled in developing **Behavior-Driven Development (BDD)** scripts with **Cucumber**, proficient in writing clear step definitions and features in **Gherkin** to effectively translate complex business requirements into executable scenarios.
* Proficient in crafting comprehensive **test cases** and **plans**, as well as creating automation scripts for **UI testing** with **Selenium** or **Cucumber BDD**, **API testing** with **REST Assured** or **Karate**, and **mobile testing** using **Appium**.
* Proficient in a wide range of web technologies crucial for software testing, such as **HTML**, **CSS**, **JavaScript**, XML, **Java**, Log4j, FirePath, Firebug, **TestNG**, and **JUnit**, enabling comprehensive testing across various layers of web applications.
* Skilled in utilizing automation tools such as **Cypress**, **Selenium WebDriver**, **Selenium Grid**, **Cucumber**, and **Playwright** across **multiple browsers** like Edge, Firefox, Safari, and Chrome ensuring thorough application validation.
* Proficient in utilizing various **Selenium** **locators** like ID, Name, Class Name, Tag Name, Link Text, Partial Link Text, XPath, CSS Selector for identifying **web elements** to create automation scripts.
* Proficient in designing and implementing frameworks such as **Behavior-Driven Development**, **Keyword-Driven**, **Data-Driven**, and **Page Object Model** (**POM**).
* Skilled in interpreting and converting manual test cases into automated **Smoke** and **Regression** suites using **Selenium** **WebDriver** with Java.
* Experience in building scalable **Playwright** automation framework from scratch with best practices using POM, parallel execution, configuration management
* Implemented automation scripts using **Selenium Grid** to execute tests concurrently across various browsers and environments.
* Skilled in leveraging **Sauce Labs** or **BrowserStack** for **cloud-based testing** to effectively report defects and test results.
* Experienced in automating mobile testing using both **Appium** and **Espresso**, adept at conducting tests on **desktop** and **Android** platforms and end-to-end testing of **Angular** applications.
* Proficient in utilizing **Appium** to conduct comprehensive testing on real devices and emulators for native, hybrid, and **web mobile applications**. Proficiently evaluated mobile apps across both Android and iOS platforms, ensuring robust functionality and user experience.
* Skilled in defect analysis, conducting thorough verification through walkthroughs, reviews, and inspections, and performing validation activities encompassing **Smoke**, **Regression**, **Functional**, **Systems**, and User Acceptance Testing (**UAT**) **testing**.
* Good understanding of **WSDL**, **WADL**, **XSD**, **Schema**, **DTD**, and **XML** documents to conduct comprehensive **Web Services/API Testing** using tools like **SOAP UI**, **Postman**, and **REST Assured**, ensuring thorough validation and verification of API functionalities and data exchange protocols.
* Proficient in using **SQL** for configuring tests and validating data across **Oracle** and **SQL Server** databases. This involved writing **SQL** queries and **stored procedures** to execute comprehensive **database testing**.
* Experienced in **cloud computing** services, such as **AWS** (EC2, RDS, DynamoDB, CloudWatch, Device Farm, CodeBuild, CodePipeline, IAM, Auto Scaling, Device Farm, LoadRunner, SDK) and **Microsoft Azure** (Virtual Machines, DevOps, Pipelines, Repos, Artifacts, Load Test, SQL Database).
* Proficient in utilizing **GitHub** for source code management and version control.
* Proficient in collaborating with developers and **DevOps** teams to facilitate the seamless integration of automated testing scripts with **CI/CD pipelines** which entails establishing efficient testing workflows, automating build and deployment processes, and enhancing overall software development practices.
* Skilled in creating automated testing suites and scripts that seamlessly integrate with **Git**, **Docker**, and **Jenkins**, thereby optimizing **CI** processes and improving software development and testing methodologies.
* Expertise in writing SQL queries using Oracle, SQL Server, and **Teradata** in validating data into **Data Warehouse/Extract, Transform, Load (ETL)** applications.
* Experienced in **ETL testing** using **Informatica** Power Center/Power Mart (Designer, Workflow Manager, Workflow Monitor, and Server Manager).
* Experienced in **requirement analysis**, **project effort estimation**, **resource planning**, monitoring the progress of the activities, and reviewing applications.
* Experienced in Service Oriented Architecture (**SOA**)testingand JUnit testing, along with providing technical support and assistance to developers.
* Proficient in designing test cases using **Zephyr**, capturing clear test steps, expected results, and test data requirements.
* Proficient in utilizing **TestNG** **data providers** to configure multiple datasets and implement **Data-Driven testing** in WebDriver.
* Produced comprehensive QA testing reports leveraging **TestNG** and **JUnit** **reporting** tools to assess product quality and readiness for release, providing valuable insights into the testing process.
* Proficient in tracking requirements throughout the development process using the **Requirement Traceability Matrix (RTM)**, managing tight deadlines, and handling multiple projects.

**TECHNICAL SKILLS:**

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| Testing Tools | Selenium Web Driver/IDE/GRID, JUnit, TestNG, Cucumber, Firebug, FirePath, SOAP UI, Postman, REST Assured, Karate, Cypress, Appium, JMeter, Playwright, XCUITest, Log4j, BrowserStack, Sauce Labs |
| Build and Integration Tools | Jenkins, Maven, Ant, Docker, Azure DevOps |
| Programming Languages | Java, Python, C#, .Net, SQL, JavaScript |
| Databases and ETL Tools | MySQL, Oracle, SQL Server, PLSQL, NoSQL, MS Access, MongoDB, Toad, Informatica, Talend |
| AWS Cloud Services | EC2, RDS, DynamoDB, CloudWatch, Device Farm, CodeBuild, CodePipeline, IAM, Auto Scaling, Device Farm, LoadRunner, SDK |
| Microsoft Azure Cloud Services | Virtual Machines, DevOps, Pipelines, Repos, Artifacts, Load Test, SQL Database |
| Browsers | Internet Explorer, Mozilla Firefox, Google Chrome, Safari, Opera, Microsoft Edge |
| Version Control/IDE/OS | GitHub, Eclipse, IntelliJ, STS, Linux, Windows, Mac |

**PROFESSIONAL EXPERIENCE:**

**Comerica Bank, MI. Sep 2022 – Till Date**

**Role: Lead QA Automation and Manual Engineer**

**Responsibilities:**

* Conducted **system**, **integration**, and **regression** testing for the application in an **Agile development environment** including test execution, **defect tracking**, **reporting**, and **coordinating** with the test team.
* Performed **JIRA project setup** and maintenance, including importing test cases, creating test cycles, executing tests, dashboard reporting, and stakeholder management.
* Collaborated closely with the **product team**, **designers**, **business analyst**, and **developers** to ensure alignment with application requirements and **user expectations**.
* Analyzed Business Requirement Documents (**BRD**) and Functional Specification Documents (**FSD**) to prepare test cases based on the test plan and use cases. Attended review meetings to gain better insights about the application.
* Identified and documented product and project risks, assessing their severity and impact.
* Utilized **Jira** for planning, adding **user stories**, tasks, **creating test cases**, tracking **defects**, and managing **iterations**.
* Developed and maintained robust test automation frameworks using **Robot Framework**, **Selenium**, and **Python** to automate functional, regression, and integration tests for mortgage-related web applications.
* Conducted end-to-end testing of **Talend ETL** jobs to ensure data accuracy, completeness, and reliability.
* Increased proficiency in testing tools such as **REST Assured** to meet diverse testing requirements.
* Used **JMeter** to measure the performance of client/server applications and for performing load tests.
* Utilized **Karate** to execute **HTTP requests**, **validate responses**, and conduct various assertions with straightforward and expressive syntax.
* Created automation test scripts utilizing **BDD** and **POM** design approach, leveraging **Selenium** **WebDriver**, Java, and Excel for Data-Driven testing.
* Ensured a seamless user experience by conducting comprehensive **cross-browser** and **cross-device testing** of payment workflows using **Selenium** for web and **Appium** for mobile testing, leveraging platforms like **BrowserStack** and **Sauce Labs**.
* Performed detailed **end-to-end payment testing scenarios** for both web and mobile applications, ensuring a consistent user experience across various platforms and devices.
* Performed thorough mobile testing with **Appium** on **Android** and **iOS**, ensuring seamless banking experiences.
* Provided guidance and training to new QA engineers in **XCUITest** and best practices for mobile app testing for **iOS** applications.
* Proficient in creating customized hybrid frameworks (Keyword-Driven, Data-Driven, Behavior-Driven, Test-Driven) with **Selenium WebDriver**, **Java**, and **TestNG**. Used **Apache POI** for reading data from Excel sheets.
* Conducted browser compatibility testing using **Playwright**, addressing critical issues across different browsers and devices.
* Automated test cases using **Selenium** **WebDriver**, **JUnit**, and **Java** and contributed to framework creation.
* Utilized **GitHub** repositories as a source control system for sharing code within the office and with overseas teams, storing both the framework and all developed test cases.
* Conducted cross browser and parallel testing to verify the functionality of web applications across **different browsers** and environments, leveraging **TestNG**.
* Used **Playwright** to develop automated test scripts for responsive web applications, streamlining the testing process and reducing human error.
* Automated data processing tasks using Lambda functions, streamlining ETL workflows and enhancing the efficiency of data operations within the data suite.
* Utilized Snowflake’s scalable architecture to handle extensive load testing scenarios, ensuring robust performance for data-intensive applications.
* Implemented **CI** of code and scripts using **Jenkins**, **Maven**, and **TestNG**. Configured and executed builds through **Jenkins** jobs and analyzed test results via the **Jenkins UI**.
* Conducted **Database testing**, by writing SQL queries to validate **data integrity** and ensure updated data compliance with test cases across various modules of the application and utilized **JDBC** for saving and retrieving files.
* Provisioned test environments on **AWS** **EC2** to run tests concurrently on multiple instances or containers, optimizing test execution time and resources.
* Utilized **AWS** **CodeBuild**, **AWS CodePipeline**, and **AWS CodeDeploy** to automate the build, test, and deployment processes.
* Utilized **AWS Identity and Access Management (IAM)** to perform security and vulnerability testing of the application.
* Performed **functional testing** of **SOAP** and **REST Web Services**, validating request and response **XML** and **JSON**. Implemented assertions to verify **XML** in **SOAP** services and **JSON** in RESTFUL services.
* Utilized tools such as **SOAP UI** and **Postman** for API testing and validation.
* Executed BDD and ATDD (**Acceptance Test Driven Development**) using **Cucumber features**, scenarios, and step definitions in **Gherkin** format.
* Generated test results using outputs in Excel files, **TestNG reports**, **XSLT reports**, and **Cucumber JVM** reports.

**Environment:** Selenium WebDriver, Java, SQL, Maven, SOAP UI, Postman, Appium, Cucumber, Gherkin, TestNG, AWS, Jira, Jenkins, JMeter, REST Assured, BrowserStack, Sauce Labs, iOS, ETL.

**Big Lots, Columbus, OH Jan 2020 – Aug 2022**

**Role: Lead QA Automation and Manual Engineer**

**Responsibilities:**

* Designed and implemented a Data-Driven framework, combining **Selenium WebDriver**, **Cucumber**, **Apache POI**, and **TestNG** to automate scripts efficiently.
* Actively participated in **Agile testing** methodologies, contributing to **daily scrum** and **release planning meetings**, reviewed **product backlogs** and technical documentation.
* Proficient in creating comprehensive software test plans, leveraging **JIRA** for requirements analysis, and conducting lab dry runs to ensure accuracy. Provided QA Level of Effort estimates and QA release schedules for the project.
* Utilized **Karate** for making **HTTP requests**, **validating responses**, asserting behaviors, and enhancing API testing efficiency. Leveraged **Karate's** built-in authentication support for seamless handling of authentication processes.
* Utilized **Playwright's** API for automating complex user interactions and performance testing, leading to significant reductions in testing time and facilitated the adoption of **Playwright** as the primary automation tool within the organization through training sessions and workshops.
* Designed and implemented the Page Object Model in **Playwright** to improve code modularity, readability, and reusability.
* Conducted **end-to-end testing** on **Point of Sale (POS)** systems to ensure smooth payment processing.
* Implemented **POM** framework with Python and Selenium for enhanced test maintenance and scalability.
* Built end-to-end automated testing solutions for web applications using **Playwright**, improving test accuracy and reducing manual testing efforts.
* Assisted in developing and maintaining automated test scripts using **Cypress** for improved end-to-end testing capabilities.
* Automated test cases using **XCUITest** framework, enhancing test efficiency and repeatability for **iOS** applications.
* Lead software manual testing, interface testing, and automation testing using **TestCafe** and **Selenium**.
* Developed a test automation framework from scratch using **Cucumber** with **POM** and Java.
* Conducted **regression testing** using **Selenium** and updated scripts for approval after each application build release.
* Configured **Jenkins** build jobs for **CI** and **regression testing**.
* Performed cause analysis for data discrepancies within the **data suite**, identifying root causes and implementing corrective measures to ensure data integrity and accuracy.
* Integrated **ETL** testing processes with testing frameworks like **JUnit** or **TestNG**, allowing systematic test case execution, reporting, and integration into CI pipelines.
* Leveraged **Playwright’s** parallel execution capabilities to optimize testing time, enabling faster delivery cycles.
* Utilized **JUnit** and **TestNG** as testing frameworks and **Maven** for project building.
* Managed source code and resources using **GitHub**.
* Conducted end-to-end testing of **Angular** application using **Protractor**.
* Performed mobile testing manually by using **Perfecto** and **Appium** for automation of Android devices using **Android Studio (emulator)** and **Xcode (simulator)**.
* Demonstrated expertise in **core java concepts** and applied them effectively in testing scenarios.
* Generated test logs using **Log4j** and effectively managed log levels for various reporting needs.
* Utilized **Apache POI** to extract data from external sources and incorporate it into test scripts.
* Designed data-driven frameworks for reading data from Excel sheets using **Apache POI library**, **Junit**, and **TestNG data provider**.
* Implemented parallel test execution strategies using **Cucumber**, **BrowserStack**, and **Sauce Labs** to reduce test suite execution time and improve overall test efficiency.
* Performed functional testing of **SOAP** and **RESTFUL** web services using **SOAP UI** tool.
* Performed testing of RESTful web services across modules using **Postman** and **REST Assured**.
* Checked application deviation and throughput under maximum users through load testing with **JMeter**.
* Performed backend testing and wrote **SQL** queries to compare the UI results with the database.
* Integrated **Playwright** with CI/CD pipelines using Jenkins to enable automated testing on each code commit and deployment.
* Executed load testing scenarios on **Snowflake** and **DBT** environments, assessing their performance under high data volumes and optimizing query efficiency for better scalability.
* Designed and implemented interactive **Power BI** dashboards, integrating data from Snowflake and DBT to provide actionable insights and support data-driven decision-making.
* Enhanced test debugging and reporting by leveraging **Playwright’s** trace viewer, screenshot, and video recording capabilities for detailed test failure analysis.
* Provisioned virtual machines and containers on **Azure Virtual Machines** to create on-demand test environments and perform cross-browser and cross-platform testing of web and mobile applications and **Azure SQL Database** to manage test data and databases in the cloud.
* Used **Azure DevOps** services, such as **Azure Pipelines**, **Azure Repos**, and **Azure Artifacts**, to implement CI/CD pipelines for automated testing.
* Configured test settings and browser contexts in **Playwright** to manage multiple user sessions and varied browser settings for in-depth testing.
* Leveraged **Azure Load Test** to simulate high traffic loads and measure application performance under stress.
* Managed **project delivery** under **stringent** **timelines**, **prioritizing** work and **planning** testing activities effectively.

**Environment:** Jira, Selenium WebDriver, JUnit, TestNG, Maven, Jenkins, Cucumber, Gherkin, Java, Perfecto Mobile, Appium, SQL, SOAP UI, JMeter, Postman, REST Assured, Browser Stack, Sauce Labs, Cypress.

**Priority Health Insurance, MI Oct 2017 – Dec 2019**

**Role: QA Manual and Automation Engineer**

**Responsibilities:**

* Spearheaded the implementation of a hybrid test automation framework, leveraging **Selenium**, **TestNG**, and **Maven** with **Java**.
* Collaborated closely with business analysts to comprehend and interpret business requirements effectively.
* Actively participated in identifying **test scenarios** and designing **test cases** to ensure comprehensive test coverage.
* Developed end-to-end automation test scripts using **Selenium WebDriver** with the **TestNG** framework, aligning with project requirements.
* Conducted extensive **mobile testing** using **Appium** across Android and iOS platforms, ensuring optimal experiences across various devices.
* Integrated **Appium** tests seamlessly into the **Jenkins CI/CD pipeline**, facilitating regular testing of code changes and automated nightly builds to ensure thorough mobile app testing with each code iteration.
* Contributed to the development and execution of **TestNG** suites for different modules within the application.
* Developed and maintained automated **regression** test cases in **Selenium WebDriver** using Java, ensuring robust test coverage.
* Conducted comprehensive **ETL testing** to validate data transformation and loading processes ensuring accuracy and completeness.
* Significantly reduced testing time and costs through automation using **Selenium WebDriver**, **Java**, and **Cucumber**.
* Automated smoke and functional test cases using **Selenium** WebDriver, **TestNG**, and **Java** within the **Eclipse** IDE.
* Performed **smoke**, end-to-end, and **regression** tests across test and production environments, ensuring application stability.
* Conducted **cross-browser testing** using **Selenium Grid** across different browsers and operating systems.
* Handled broken links and inter-application links across development, test, and production environments using **Selenium** **WebDriver**.
* Utilized **Cypress** to develop and maintain modular test scripts, enabling end-to-end testing of web application.
* Utilized **SOAP UI** and **REST Assured** to test SOA applications, validating **SOAP** services and **REST API**.
* Performed testing of different API service calls using **Postman**.
* Worked on cloud-based cross-browser testing tools such as **BrowserStack** and **Sauce Labs**.
* Provisioned virtual machines on **AWS EC2** to create on-demand test environments for executing automated tests.
* Utilized **AWS Auto Scaling** to dynamically scale test execution based on workload demand, optimizing test cycles, and reducing overall execution time.
* Worked on **AWS Device Farm** to perform cross-browser and cross-platform testing of web and mobile applications.
* Utilized **Jira** as a test management and **bug reporting** tool to track deliverables, test progress, and execution effectively.
* Configured **TestNG** to generate reports in **Selenium WebDriver**, providing comprehensive test result documentation.
* Implemented mouse and keyboard events using the **Actions class**, enhancing test script functionality.
* Leveraged **Apache POI** library to read and write data from Excel sheets, facilitating efficient testing of various test scenarios.
* Successfully designed and executed load tests with **JMeter** to simulate realistic user scenarios.
* Worked on **PostgreSQL** database, performing tasks such as querying, data manipulation, and optimization.
* Provided daily and weekly status reports on project progress, ensuring transparency and accountability.
* Adhered to **Sprint Burn Down Chart** and **Release Burn Down Chart**, actively participating in **Agile Sprint Meetings** to ensure project alignment and progress tracking.

**Environment:** Selenium, Java, PostgreSQL, SOAP UI, TestNG, REST Assured, Maven, Jira, Jenkins, JMeter, Postman, BrowserStack, Sauce Labs, ETL, Appium, Cypress.

**Corewell Health, MI Nov 2014 – Sep 2017**

**Role: QA Automation Test Engineer**

**Responsibilities:**

* Conducted thorough analysis of business requirements and functional specifications to develop comprehensive test cases, concurrently drafting detailed test plan and strategy documents.
* Actively participated in the creation of test scenarios and test data, aligning them with the requirements, and ensured seamless communication of updates to offshore teams during daily **scrum calls**.
* Engaged in both manual and automation testing for **functional** applications, including integration testing and back-end testing, ensuring robust software quality assurance.
* Designed and implemented **Keyword-Driven** and **Data-Driven** automation frameworks tailored for **functional** and **regression** **testing**, leveraging **Selenium WebDriver**.
* Developed and executed automated test scripts using Selenium for **regression testing**, leveraging diverse automation frameworks to ensure comprehensive test coverage.
* Formulated and executed test cases for **UI testing**, ensuring optimal functionality and user experience across web and mobile applications.
* Utilized **Cypress** for performance and load testing to evaluate the application's scalability and response time.
* Orchestrated the development and management of automation frameworks utilizing **POM**, **TestNG**, Eclipse, and Java, supplemented by **REST** client extension for manual debugging and verification of service calls.
* Enriched the automation suite by developing and updating automation test cases using **Selenium WebDriver**, ensuring thorough validation of application functionality across multiple browsers.
* Leveraged **SQL** queries to automate data integrity checks and validate UI data against real-time data, systematically compiling and tracking test metrics on a weekly basis.
* Analyzed script execution reports utilizing frameworks like **Cucumber** and **TestNG** in Java to identify and address issues in functional testing.
* Built mobile automation framework with **Appium**, **TestNG**, and **Java** for seamless testing on **Android**/**iOS**.
* Conducted **ETL** **testing** to validate accurate and efficient data processing and transformation within the data warehouse and related systems.
* Designed and validated test case reports in **HP ALM** for **UAT** testing, ensuring seamless execution of regression scripts.
* Utilized **Jira** for planning, running, and tracking defects, actively participating in walkthroughs with clients and development teams, and periodically reporting defects in dedicated meetings.
* Utilized **AWS RDS** and **AWS DynamoDB** to manage test data and databases in the cloud to automate data setup and teardown processes, ensuring consistency and repeatability in test environments.
* Performed load or performance testing using **AWS LoadRunner** and **JMeter** to simulate high traffic loads and measure application performance under various load levels.
* Executed cross-browser and cross-platform web testing with **Selenium WebDriver**, conducting build **acceptance testing** and **smoke testing** using **Cucumber** automation tool.
* Conducted thorough **API** **testing** using **REST Assured**, **SoapUI**, and **Karate** to validate functionality and ensure software application integrity.
* Prepared test scripts for **UAT**, showcasing strong proficiency in automation coding without reliance on record and playback scripting.
* Created RESTful services collection in **Postman** and validated the responses.
* Regularly participated in daily stand-ups and project meetings to ensure alignment with project priorities and status tracking.

**Environment:** Selenium, SQL, Cucumber, Jira,JUnit, SOAP UI, JMeter, Postman, REST Assured, Karate, ETL testing, Appium, Cypress.

**Meijer, Grand Rapids, MI April 2012 – Oct 2014**

**QA Automation and Manual Tester**

**Responsibilities:**

* Actively participated in product design reviews, collaborating with cross-functional teams to ensure comprehensive test coverage across **functional requirements**, **product designs**, and schedules.
* Designed, developed, and maintained test scripts for web applications, optimizing automation for robust and efficient testing.
* Conducted **regression** **testing** to ensure seamless operation of the application.
* Demonstrated extensive **Agile** methodology knowledge, actively engaging in **sprint planning**, retrospectives, and daily **scrum** meetings.
* Leveraged **Selenium WebDriver** to automate regression test cases, enhancing test coverage and efficiency.
* Participated in daily stand-up calls and Agile sprints, ensuring timely progress and alignment with project objectives.
* Implemented automation strategies with **Selenium Grid** for multi-device testing, ensuring compatibility across platforms.
* Captured application screenshots for exception handling and documentation using TakeScreenshotAs.
* Supported **Jenkins** integration for **CI**, enhancing automation and integration processes.
* Developed test scripts for BDD and TDD using **Cucumber** in Gherkin format, promoting collaboration and clarity in test scenarios.
* Connected to the database to query it using **SQL** for data verification and validation.
* Utilized **GitHub** for version control and management of project-related documents.
* Executed performance testing using **JMeter** including developing test plans, test scripts, and reports.
* Implemented **TestNG** framework for smoke testing, ensuring comprehensive test coverage.
* Utilized data profiling tools like **Informatica** to analyze and validate the content, structure, and quality of data throughout the **ETL** lifecycle.
* Utilized **bug tracking** tools like **Jira** for efficient issue management and resolution.
* Used **Firebug**/**FirePath** add-on tools to identify the Object’s id, Name, and XPath link in the application.
* Created automation scripts and tested APIs in **SOAP UI**, **Postman**, and **REST Assured** for web services testing.
* Implemented **Data-Driven** and **POM** framework using **Apache POI** for seamless data integration.
* Utilized **Maven** for build and dependency management, ensuring project dependencies are met.
* Conducted comprehensive testing across **different browsers**, platforms, and environments, ensuring consistent performance and user experience.
* Utilized **AWS SDKs** and APIs to perform seamless integration with testing tools.
* Monitored test execution metrics, log files, and application performance in real-time using **AWS CloudWatch**.

**Environment:** Java, Selenium, TestNG, Cucumber, Maven, SQL, Jenkins, SOAP UI, JMeter, Postman, REST Assured, AWS.