**Amani P**

 **Open to Relocation | C2C Roles Only**

 **Senior QA Automation & Manual Test Engineer**

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**Professional Summary:**

* Over 10 years of experience as a Software QA Engineer, specializing in manual and automated testing for web, mobile, client-server, and cloud applications across **Banking, Insurance, E-Commerce, and Healthcare.**
* Proficient in a diverse array of software testing methodologies, including **usability testing, smoke testing, sanity testing, positive and negative testing, data-driven testing, regression testing, unit testing, black-box testing, white-box testing**, and **integration testing.**
* Strong understanding of **STLC, SDLC, and Bug Life Cycle**, with expertise in *Waterfall* and **Agile** (SCRUM) methodologies.
* Proficient in **Java, Python,** and **JavaScript** with a strong background in developing scalable and robust applications.
* Proficient in **API** testing using tools such as **Postman, Rest Assured,** and **SoapUI,** designing and executing functional, regression, and load tests to ensure seamless integration and performance of web services.
* Led **API** integration test automation, focusing on ensuring optimal efficiency and coverage at various scales.
* Experienced in testing **POS** modules, including Inventory, Warehouse, Purchase Order, and Payment Management.
* Proficient in conducting feasibility studies, planning functional tests, designing test cases, setting up test environments, preparing test data, managing defects, analysing and gathering requirements (**RTM**), performing gap analysis, and providing functional training.
* Experienced in testing Web and Mobile services with **SoapUI**, handling request and response **XML.**
* Skilled in automating end-to-end tests using **Selenium, Playwright,** and **Cucumber,** integrating test suites into **CI/CD** pipelines to ensure rapid feedback and continuous testing in **Agile** environments.
* Used **POM** with **Selenium** WebDriver to create efficient test scripts, reducing code duplication and enhancing test stability.
* Extensive experience in **UI** automation testing using **Selenium, Playwright,** and **Cypress,** designing and executing robust test scripts to ensure cross-browser compatibility and flawless user experiences.
* Automated **UI** testing with **POM** in **Selenium**, ensuring modular test development and improved handling of complex web elements.
* Experienced in **REST** & **SOAP API** testing using **Rest-Assured, Karate,** and **Playwright** with automation expertise.
* Conducted comprehensive Mobile and **User Interface (UI)** testing on websites and mobile apps (iOS, Android, and Windows) using tools such as **Cucumber, Browser Stack, Sauce Labs, Cypress, Appium,** andreal mobile devices.
* Expert in testing mobile applications on **IOS** and Android platforms, utilizing tools like **Appium**, **Espresso**, and **Perfecto.** Skilled in ensuring cross-device compatibility, usability, and performance during mobile app testing.
* Hands-on expertise with **Cucumber** and **TestNG** for Behaviour-Driven Development (**BDD**) and test case management, enabling clear and concise test reporting and effective collaboration with development teams.
* Executed load and stress tests using **JMeter** to identify bottlenecks and ensure optimal performance under peak traffic conditions.
* Integrated **JMeter** with **Jenkins** for automated performance testing in **CI/CD** pipelines, enabling continuous application performance.
* Created and executed **SQL** queries in the database to perform Data Integrity and Data Consistency testing by validating data tables on the server. Also experienced in backend/database testing using tools such as **DB Visualizer, Oracle, TOAD,** and **SQL.**
* Performed data-driven testing using **SQL** to extract data, ensuring comprehensive test coverage for application features.
* Specialized in testing **ETL** packages and performing error handling validation for workflows created in **Informatica** PowerCenter.
* Extensive experience in **database testing** using **DB** **Unit** for setting up test data and verifying database operations
* Experienced in **Azure** **cloud** **services** for testing**, CI/CD** automation, mobile testing, and monitoring
* Proficient in leveraging **AWS** and **Azure cloud services** for testing and deploying scalable applications, utilizing services like **EC2, S3, Lambda,** and **Azure** App Services to ensure seamless testing environments.
* Proficient in **AWS, Microservices, Docker, Kubernetes,** and cloud storage/networking. Experienced in end-to-end testing of cloud applications on **AWS, GCP,** and **Azure,** including load testing for reliability and performance.
* Managed build and configuration using tools like **Maven, Gradle,** and **Ant**. Leveraging version control systems such as **Git** for efficient code management. Experienced in Integrating automation test suites on **Jenkins** for **Continuous Integration (CI).**
* Proficient in collaborating with developers and **DevOps** teams to integrate automated tests into **CI/CD** pipelines, streamlining workflows and automating build and deployment processes.
* Implemented and managed **CI/CD** pipelines using **Jenkins, GitHub Actions,** and **Bamboo** to automate build, test, and deployment processes, improving deployment frequency and reliability.
* Tracked requirements throughout the development process, ensuring compliance with the **Requirement Traceability Matrix (RTM).**
* Skilled in configuring **Jenkins** for automated testing, integrating it with **GitHub** repositories to **trigger** builds and deploy applications, enabling rapid feedback and reducing manual intervention
* Developed and tested **ETL** processes to integrate **WMS** data into reporting platforms, ensuring accuracy and validating end-to-end data flow with **ERP** and **CRM** systems.
* Experienced in integrating **Zephyr** with **Jira** to streamline test case management, defect tracking, and reporting, enhancing visibility and traceability across testing activities.
* Produced comprehensive **QA** testing reports leveraging **TestNG** and **JUnit** **reporting** tools to assess product quality and readiness.
* Proficient in designing test cases using **Zephyr**, capturing clear test steps, expected results, and test data requirements testing process.
* Strong **troubleshooting, debugging,** and **unit testing** skills. Proven track record of reducing testing time and improving efficiency through **code optimizations** by integrating advanced testing frameworks and performing **code refactoring.**

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java, Python, Java Script, SQL. |
| **Testing Tools** | Selenium Web Driver/IDE/GRID, JUnit, TestNG, Cucumber, Postman, Swagger, Rest Assured, Soap UI, Appium, Espresso, Perfecto, Cypress, Karate, LoadRunner, JMeter, Playwright, Informatica, Talend, **Protractor** |
| **Defect Tracking Tools** | Bugzilla, Jira, Splunk, Quality Center .  |
| **BDD Frameworks** | Cucumber, Keyword, and Data-driven framework, Test-Driven framework. |
| **Web Technologies** | HTML, AJAX, X path, CSS 3, XML, SOAP, JSP, PHP, jQuery, Node, React JS. |
| **Script Languages** | Java Script, UNIX Basics, SQL scripting, VB Script. |
| **Web Services/Browsers** | SOAP, REST, REST API, Mozilla Firefox, Internet Explorer, Safari, Google Chrome, Opera, Microsoft Edge. |
| **Test Approaches** | Agile/Scrum, Waterfall, SDLC, STLC, Bug Life Cycle. |
| **Databases** | Oracle, SQL, RDBMS, NoSQL, MongoDB, MySQL, MS Access, MS SQL Server, RedShift, Toad, Informatica, SQL Plus. |
| **Operating Systems** | UNIX/Linux, Windows, Android, iOS |
| **Development Tools** | GIT, Jenkins, CI/CD, Docker, Visual Studio, IntelliJ IDEA, Eclipse, and PyCharm. |
| **Azure** **Cloud Services** | Azure DevOps, Azure Monitor, Virtual Machines, Functions, Application Insights, Pipelines, Test Hub, Test Plans, File, DevTest Labs, Logic Apps. |
| **AWS Cloud Services** | Amazon EC2, RDS, AWS S3, Elastic Load Balancing (ELB), AWS Lambda, Device Farm, Kinesis |
| **Testing** | Integration, Functional, Regression, Performance and Load Testing, Manual Testing, Black Box and White Box Testing. |
| **Other tools** | Jenkins, Artifactory, Docker, Kubernetes. |
| **Design Patterns** | Page Object Model and Page Factory |

**PROFESSIONAL EXPERIENCE:**

**Client:** **Liberty Bank, Hart Ford, CT June 2023 - Present**

**Role: Senior Software Development Engineer in Test (SDET)**

**Responsibilities:**

* Possess extensive experience in **Software Development Life Cycle (SDLC), defect management,** and **test strategy** implementation, ensuring quality assurance across all project phases.
* Played an active role in **Agile sprints,** meticulously analysing user stories, and formulating detailed test scenarios, execution procedures, and comprehensive test reports to validate functionality and system integrity.
* Engaged in **Agile methodologies,** actively participating in key ceremonies such as sprint planning, backlog grooming, daily stand-up meetings, **sprint reviews,** and **retrospectives** to enhance collaboration and project efficiency.
* Worked in close coordination with product management teams, **UX designers, business analysts,** and **development teams** to ensure that application features and functionality align seamlessly with business requirements and end-user expectations.
* Designed and developed a sophisticated end-to-end automated testing framework using **Playwright** and **JavaScript**, significantly accelerating the validation process for critical credit card transaction workflows and ensuring seamless financial operations.
* Leveraged **Postman** for the automation of **UI**-based test cases, enabling the validation of crucial credit card functionalities, including transaction processing, account modifications, and payment workflows.
* Implemented **API** test automation using **Rest Assured**, conducting extensive validation of **RESTful** services by verifying HTTP response codes, latency, and the integrity of returned data to maintain backend reliability.
* Created detailed Behaviour-Driven Development (BDD) scenarios using **Cucumber** to bridge the communication gap between QA and business stakeholders, ensuring a clear understanding of expected software behaviour.
* Partnered with product owners to craft precise **Gherkin** scenarios that accurately depict real-world credit card user journeys, facilitating improved test coverage and alignment with business objectives.
* Conducted backend data verification by executing complex **SQL** queries on credit card transaction databases, ensuring data accuracy, consistency, and adherence to financial compliance regulations.
* Automated mobile application testing using **Appium**, validating key credit card application features on both **Android** and **iOS** platforms to deliver a seamless cross-platform user experience.
* Developed and integrated **CI/CD** pipelines leveraging **AWS** and **GitHub** Actions to automate the execution of test suites and deployment workflows, leading to faster, more efficient, and error-free software releases.
* Designed and executed performance testing scripts using **Apache JMeter**, simulating high transaction loads to assess and optimize the scalability of credit card processing systems under stress conditions.
* Utilized **Maven** for dependency management, ensuring uniformity in library versions across various test modules to maintain compatibility and stability.
* Configured and optimized **CI/CD** pipelines within **Jenkins** to streamline the automation of build, test execution, and deployment processes for the credit card application.
* Integrated **Jenkins** with version control systems like **GitHub** enabling automated builds to trigger seamlessly upon code commits and pull request submissions, thereby enhancing continuous integration.
* Built a robust **Playwright**-based automation framework in **JavaScript**, refining the end-to-end testing of critical credit card processing workflows to ensure accuracy and efficiency in transaction handling.
* Improved test automation efficiency by implementing custom **Playwright** commands tailored to handle complex UI interactions, such as dynamic input forms and multi-step transactional flows.
* Leveraged **Playwright’s** browser context isolation feature to maintain data integrity across test cases, eliminating session conflicts and ensuring accurate validation of application behaviour.
* Designed an advanced **BDD** automation framework using **Playwright** integrated with **Cucumber**, enhancing collaboration between technical teams and business stakeholders through clear and structured test cases.
* Developed **JavaScript**-based step definitions to seamlessly link **Gherkin** scenarios with automated **Playwright** test scripts, ensuring clarity and efficiency in test execution.
* Implemented custom **Cucumber** hooks, including Before and After actions, to establish test data, execute necessary configurations, and ensure a clean state post-test execution for accuracy in test results.
* Utilized **Amazon** **S3** to securely store essential financial records, including credit card statements, reports, and audit logs, ensuring long-term data durability and accessibility.
* Leveraged **AWS** **EC2** instances to execute large-scale automated testing workflows, encompassing **UI** validation, **API** testing, and performance assessments, optimizing resource efficiency.
* Integrated **Jenkins** with **AWS** services to automate test execution upon each software build and deployment, enabling continuous validation and enhancing release reliability.
* Configured **AWS** Code Pipeline to orchestrate the entire build-test-deployment cycle, ensuring a seamless integration of automated testing within the **CI/CD** framework.
* Developed **SQL** queries to retrieve and analyse historical credit card transaction data, facilitating test scenarios for financial operations such as refunds, payments, and chargebacks while ensuring expected outcomes align with actual system behaviour.
* Automated test execution reporting by integrating **Zephyr** with **Jenkins**, enabling real-time tracking of test results and streamlining validation processes within the **CI** pipeline for enhanced project transparency.
* Integrated **Zephyr** with **JIRA** to automatically update the status of test cases, defects, and execution progress in real time.

**Environment:** Play Wright, JavaScript, Postman, Rest Assured, REST API, Cucumber, Gherkin, SQL, Appium, AWS, GitHub, Apache JMeter, CI/CD, Jenkins, Amazon S3, AWS EC2, JIRA, Zephyr

**Client: Atrium Home Health Care Inc, Plymouth, MI June 2021 - May 2023**

**Role: Senior QA Automation Test Engineer**

**Responsibilities:**

* Conducted in-depth analysis of **business requirements** and **functional specifications** to design and develop well-structured test cases.
* Engaged in a combination of **manual** and **automated** testing approaches to validate software applications, encompassing functional, integration, and back-end testing.
* Architected and implemented **Keyword-Driven** and **Data-Driven automation** frameworks tailored for functional and regression testing needs, leveraging the capabilities of **Selenium WebDriver** to optimize the testing process.
* Developed, maintained, and executed automated regression **test scripts** using **Selenium** in conjunction with **Java,** employing diverse automation frameworks to ensure extensive test coverage across various application functionalities.
* Managed the organization and maintenance of **Java**-based **Selenium** test source code within the SVN version control repository, facilitating collaboration among teams and ensuring proper version tracking.
* Possess expertise in core **Java** programming concepts, including Object-Oriented Programming (OOP) principles, the Collections Framework, exception handling, multi-threading, and JDBC. Additionally, utilized **Log4j** to generate detailed test logs.
* Led the design, development, and management of robust automation frameworks using the Page Object Model (**POM**) pattern, **TestNG**, and **Java**, integrating **REST** client extensions to enhance debugging capabilities and validate service calls.
* Developed and maintained automated **UI** tests using **Cypress** to validate critical healthcare workflows, ensuring compliance with industry standards like **HIPAA** and **GDPR**.
* Integrated **Cypress** with **Jenkins** **CI/CD** pipelines for automated regression testing, reducing manual effort and accelerating releases.
* Continuously improved automation test coverage by developing and updating **Selenium** WebDriver test cases, ensuring comprehensive functional validation across multiple browsers and platforms.
* Automated data integrity validation by executing structured **SQL** queries to cross-check **UI** data against real-time database values, while actively monitoring test execution metrics on a weekly basis to drive continuous quality improvements.
* Conducted a thorough analysis of automated test script execution reports generated by **Cucumber** and **TestNG** in **Java**, promptly identifying and addressing functional issues to uphold software stability and reliability.
* Engineered a mobile automation framework leveraging **Appium**, **TestNG**, and **Java** to streamline testing processes for both Android and IOS applications, ensuring consistent functionality and performance across different mobile platforms.
* Performed Extract, Transform, Load (**ETL**) testing to verify data accuracy, consistency, and transformation efficiency within data warehouses and integrated systems, ensuring high levels of data integrity and compliance.
* Conducted performance and load testing using **Apache JMeter,** simulating high-traffic conditions to measure application response times, identify bottlenecks, and ensure scalability and reliability under different workload scenarios.
* Executed extensive cross-browser and cross-platform testing using **Selenium** WebDriver, ensuring application compatibility and stability. Performed build acceptance and smoke testing using the **Cucumber** automation tool.
* Conducted detailed **API** testing using **Rest Assured** and **SOAP UI**, verifying **API** request-response integrity, status codes, response times, and payload consistency to ensure seamless integration within the application.
* Architected and optimized **AWS** cloud infrastructure for testing and deployment, utilizing **EC2, Lambda, S3, EBS,** and **Glacier** for scalability, cost-efficiency, and data availability.
* Strong understanding of **HIPAA**-based transactional 5010 formats and EDI 837 transactions (including 837I and 837P) for analysing and modifying files to create diverse test data scenarios, validated using **Postman** and **Rest Assured.**
* Configured and managed **AWS** Identity and Access Management (IAM) settings to conduct security and vulnerability assessments of the application, ensuring proper access control and data protection mechanisms were in place.
* Created and organized a comprehensive collection of **RESTful** **API** requests in **Postman**, systematically validating **API** responses to confirm proper functionality and adherence to expected business logic.
* Integrated **AWS** services such as Code Commit for version control and **CI/CD** pipelines to automate test execution and deployment workflows, significantly improving development efficiency and accelerating release cycles.
* Actively participated in daily **stand-up meetings** and cross-functional project discussions to ensure clear communication, status tracking, and alignment with overall project priorities, fostering a collaborative and results-driven testing environment.
* Supported **Jenkins** integration for **CI**, enhancing automation and integration processes.
* Configured **Jenkins** with **Docker** and **Kubernetes** to deploy microservices-based healthcare solutions with scalability and reliability.
* Effectively utilized **JIRA** for test execution tracking, defect reporting, and backlog management. Regularly participated in client and development team walkthroughs while periodically updating stakeholders on defect status through dedicated review meetings.

**Environments:** Selenium WebDriver, SQL, Cucumber, TESTNG, Jira,JUnit, SOAP UI, JMeter, AWS Cloud, java, Postman, REST Assured, ETL Testing, Appium, Cypress, HP ALM.

**Client: Target, Minneapolis, Minnesota Apr 2019 - May 2021**

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

**Responsibilities:**

* Extensively involved in all stages of **testing life cycle (STLC), Software Development Life cycle (SDLC)** and **Software Development Engineer in Test (SDET)** using **Waterfall, Agile** methodologies.
* Experienced in building automated **UI** tests, testing objects, performing verification and handling errors using Test-Complete. Designed, executed, and maintained automated test cases for regression test cases and edited test cases manually using **TestRail**.
* Skilled in collaborating with development teams using **Postman** to streamline communication and resolve **API** issues efficiently. Experienced in Web services testing using **SOAPUI, Postman, Apache HTTP Client,** and **Java** frameworks.
* I utilized **Karate** to make HTTP requests, validate responses, and perform various assertions. **Karate’s** simple and expressive syntax allowed for efficient **API** testing and seamless handling of complex test cases.
* **Karate** offers built-in support for managing authentication, and I leveraged this feature to handle different authentication mechanisms in **API** tests, ensuring secure access to services during testing.
* I integrated Selenide-based tests into **CI/CD** pipelines, particularly using **Jenkins**, to automate test execution and provide rapid feedback on changes in the codebase. This stream line the development process and ensured quality code delivery.
* I conducted end-to-end testing on **Point of Sale (POS)** systems, ensuring smooth transactions at physical payment terminals, validating the payment processes, and identifying potential issues that could affect user experience.
* I implemented the **Page Object Model (POM)** framework using **Java** and **Selenium**, which helped improve the maintainability and scalability of automated test scripts by separating the logic of test execution from the test data.
* I used Rest Assured to perform rigorous validation of **API** endpoints, particularly focusing on payment gateways, order processing, and inventory management systems.
* Created data-driven test frameworks using **Python** and **Py test** to ensure efficient and scalable test execution.
* Utilized **Python** for database validation and query automation to verify order transactions and inventory updates
* Implemented **API** automation **using Python** and **Requests** to test payment gateway integrations and order processing workflows.
* **Used Python and Pandas for data analysis** to generate insights on customer behaviour and product performance.
* I used Feign to validate the error handling mechanisms in eCommerce **APIs**, ensuring that any issues, such as invalid inputs or system failures, were properly managed and reported.
* I performed performance testing using **JMeter**, adjusting the number of virtual users to simulate different **load levels** and assess the system’s capacity to handle varying amounts of traffic efficiently.
* I possess a strong understanding of **Object-Oriented Programming (OOP) concepts**, which I applied to developing automated test scripts using **Selenium**. My knowledge of **OOP** helps in creating structured, reusable, and maintainable code.
* I served as a lead for both manual and automation testing efforts, specializing in **UI** automation with Test Cafe and **Selenium**
* Developed a test automation framework from scratch using **Cucumber** with the Page Object Model (**POM**) in Java, implementing BDD for **UAT**. This framework improved collaboration between development and testing teams, ensuring clear communication.
* I conducted regression testing after each build release to ensure that the application remained stable. I updated test scripts as necessary and executed regression suites built with **Selenium** to ensure consistent functionality across releases.
* I played an active role in mentoring new **QA** engineers in mobile app testing practices, particularly focusing on best practices for **UIAutomator2** and mobile automation testing techniques.
* I configured **Jenkins** build jobs for continuous integration, enabling automated regression testing and ensuring that testing was consistently executed during the software development lifecycle.
* I worked extensively with **JUnit** and **TestNG** as testing frameworks, integrating them with **Maven** for project building. This ensured smooth execution of tests and maintained consistency in the testing process.
* I utilized **Git** as a source control tool to maintain and manage the **Java** and **Selenium** test source code.
* In-depth knowledge of Core **Java** concepts, including OOP, Collections, Exception Handling, Multi-Threading, and JDBC. Experienced in using **Log4j** for logging test information, ensuring efficient debugging and traceability.
* I developed a data-driven testing framework by integrating **Apache POI**, allowing data to be read from external Excel sheets and passed into the test scripts. This approach enabled the testing of different data sets in a scalable manner.
* I performed cross-browser and parallel browser testing using **Selenium**, ensuring that the application worked across various browsers and configurations, and enabling a faster testing cycle with multiple instances running in parallel.
* I conducted functional testing of **SOAP** and **RESTful** Web Services using the **SOAPUI** tool. This helped ensure that the web services met their functional requirements and provided reliable communication between systems.
* Performed performance tuning on **Talend ETL** jobs to enhance data processing efficiency for large customer and product datasets.
* Designed and implemented **ETL** workflows using **Talend** to extract, transform, and transaction data from multiple sources.
* Implemented **Azure DevOps CI/CD** Pipelines to automate deployment processes, reducing deployment time and smooth releases.
* Deployed **Azure SQL Database** for storing product catalogs and customer transactions with automated backup and security policies.Conducted performance testing on **Azure** using Azure Load Testing to simulate high-traffic shopping scenarios.
* I have extensive experience in preparing comprehensive Software Test Plans, which involve analysing requirements during the initial phases of a project using **JIRA**.

**Environment:** JIRA, Selenium WebDriver, JMeter, API, JUnit, TestNG, Maven, Jenkins, HTML, Internet Explorer, Chrome, Mozilla Firefox, Cucumber, Gherkin, Java, UNIX, Linux, Windows XP, JavaScript, XML, Excel, SQL, Rest Assured.

**Client: Travelers Insurance,** **Hartford, CT Jan 2017 - Mar 2019**

**Role: QA Manual and Automation 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.
* Designed and executed **UI** test cases to ensure optimal functionality and user experience across web and mobile applications.
* 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.
* Analysed script execution reports using **Cucumber** and **TestNG** in **Java** to identify and resolve issues in functional testing.
* Built mobile automation framework with **Appium**, **TestNG**, and **Java** for seamless testing on **Android**/**iOS**.
* Conducted **ETL** testing to ensure accurate and efficient data processing, transformation, and validation within the data warehouse.
* 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 **Azure SQL Database** and **Azure Cosmos DB** 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 **Azure Load Testing** 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 **API** testing using **REST Assured**, **SoapUI**, and **Karate** to validate functionality and ensure software application integrity.
* 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, Azure, Postman, REST Assured, Karate, ETL testing, Appium, API.

**Client: L&T Infotech Private Limited, Ahmedabad Jan 2015- June 2016**

**Role: QA 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.
* 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.
* 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 **bug tracking** tools like **Jira** for efficient issue management and resolution.
* Created automation scripts and tested APIs in **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.
* 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, JMeter, AWS,REST Assured, Postman, AWS, Jira,Agile