**Mehulkumar Kantaria**

**Senior QA Manual and Automation Test Engineer**

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**Only c2c. Immediately Available. Will relocate and be able to go Onsite from Day 1.**

**PROFESSIONAL SUMMARY:**

* **13 years** of experience in **Software Designing, Development, and Quality Testing** and proficient in performing **Manual** and **Automated Testing** on **Web-Based** and **Client-Server Applications** using **Java** and **Selenium.**
* Worked on **Payments**, **E-commerce**, **health care**, **Banking**, **Insurance**, and various **Fiserv** domains.
* Experience in all phases of the **Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug Life Cycle,** andmethods like **Waterfall and Agile.**
* Expert Knowledge in Testing **Payment Merchant gateways** such as **Pay flow, Authorize.Net, Trust Commerce, Elavon, etc.**
* Experience in Testing **Payment Devices** Such as **Magtek DynaPad, DynaPro,** and **Ingenico Lane Devices.**
* Handled **API integration test automation** with API integration, Automation, and Testing on various scales for the highest Efficiency and Coverage
* Experience with **Apple Pay** and **Google Pay** Testing.
* Expertise in **Feasibility Study**, **Functional Test Planning**, **Test Cases Design, Test Environment Setup, Test Data Setup**, **Defect Management, Requirements Analysis and Gathering (RTM), Gap Analysis,** and **functional training.**
* Experience in testing **POS** Modules such as **Inventory Management Module, Warehouse Management Module, Purchase Order Management Module, and Payment Management Module**.
* Experience in **System Testing, Integration Testing, Regression Testing, Smoke Testing, Sanity Testing, Data Driven Testing, User Acceptance** and **Functional Testing**.
* Extensively used Selenium **(XPath and CSS locators**) to test the web application.
* Experience building and maintaining **DevOps** pipelines in **GitLab,** **Docker containers**, **orchestration frameworks,** and **databases.**
* Experience in Testing Tools like **UFT, HP ALM, Zephyr, Jira, Perfecto, SoapUI, Postman, Test rail, Android Studio, Appium, Selenium,** and **Rest Assured.**
* Good knowledge of using repositories **Bitbucket/ Stash and GIT.**
* Integrating **automation** testsuites on **Jenkins** for **continuous integration (CI).**
* Proficient in working with **Appium** and writing **mobile** **automation** scripts for **iOS** and **Android**.
* Created and executed **JMeter** scripts for performance monitoring and testing of the portal.
* Experience in working with **Jira and TestRail, Microsoft Power Apps.**
* Experience in **Bug** **lifecycle**/ **Defect** **tracking**, **System** **integration**/**Smoke**/**Regression**/**UAT** level Testing.
* Configure and monitor **CI/CD** using **Azure** **DevOps**, and **Jenkins**, per project needs.
* Experience in testing API with **Postman** with **GET**, **POST, PUT, PATCH,** and **DELETE** **HTTP** methods.
* Experience with API testing with different security mechanisms like **Basic Auth, Oauth2,** and **Key Based** Authentication.
* Strong knowledge in web services testing using **SOAP UI**, **Restful Web Services,** and **WSDL.**
* Experience in Databases/Backend Testing – **DB Visualizer, Oracle, TOAD,** and **SQL.**
* Good knowledge of using **BDD frameworks** like **Cucumber.**
* Experienced in **Software Quality Assurance (SQA)** with tools like **Selenium Web Driver, IDE, JUnit, TestNG, and LoadRunner.**
* Experience spread across **QA Testing and Production Support.**
* Experience with **Cloud** **Technologies**, **Kubernetes**, **Microservices**, **Docker**, **Cloud Storage**, **Cloud** **Networking**, and programming languages like **Python**, **Java**, and **C++.**
* Strong **troubleshooting**, **debugging**, **performance optimization**, and **unit testing** skills**.**
* Worked with Technical Architect, DBA, Business Analysis Team, Development Team, Stakeholders, Network team, and Test Manager to **identify functional and performance bottlenecks** along with **release delivery.**
* Experience in **deep defect root cause analysis, gap analysis,** and root cause solutions.
* Experience in **UAT** and **Patch testing (Real-time Payment system issues)** in client environments.
* Good knowledge and testing experience on Mobile Testing tools like **BrowserStack**.
* Adept in **report design, table/query design, and VBA module automation.**
* Proficient experience in **Agile and Waterfall methodology.**
* Worked closely with **UI Angular Developers** while automating the tests using **Protractor** and **Jasmine**.
* Developed and executed **SQL** queries in the database to conduct **Data Integrity** and **Data Consistency Testing** by checking the data tables on the server.
* Experience in testing **Web and mobile Services using the Soap UI tool**, **request,** and **response XML.**
* Good at **bug reporting** and **bug-tracking** using Test Management tools like **Quality Center, Version One, ALM, and Jira.**
* A **resourceful** and **collaborative team member** with good interpersonal, effective problem-solving, and decision-making skills. Looking ahead to a great career in a fair working environment with opportunities to grow.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Languages | JAVA, SQL, PLSQL, JavaScript, Python |
| Testing Tools | Selenium Web Driver/IDE/GRID, JUnit, TestNG, Cucumber, Firebug, FirePath, SOAPUI, Postman, Rest Assured, Appium, Cypress, Karate, Zephyr, Jasmine, JMeter |
| Web Services | SOAP, REST, REST API |
| Application/  Web Servers | Apache Tomcat 9.x, JBoss |
| Methodologies | Agile, Scrum, Java Design Patterns, Kanban, Waterfall |
| Build Tools | Jenkins, Docker, Azure, AWS, Maven, CI/CD |
| Web Technologies | HTML5, AJAX, XML, JSON, jQuery, JavaScript ES6, CSS3, Angular JS, Angular 6/7, Node JS, React JS, JSF, JSTL, DOM, JAXB, JAXP |
| IDE Tools | Eclipse, STS |
| Bug Tracking Tools | Jira, Bugzilla |
| AWS | EC2, RDS, S3, ELB, Lambda, Device Farm, Kinesis |
| Azure | Virtual Machines, Functions, Application Insights, SQL, Pipelines, File, DevTest Labs, Logic Apps, DevOps Test Hub, Test Plans |
| Databases/API | Oracle, SQL, PLSQL, NoSQL, DB Visualizer, MongoDB, MySQL, MS Access, MS SQL Server, Toad, Postman, Triggers, View, Criteria |
| Operating Systems | UNIX/Linux, Windows |
| Data Modeling | Microsoft Visio, Rational Rose, UML Design |
| Versioning Tools | GIT, SVN |
| Development Tools | Ant, Maven, JUnit |

**PROFESSIONAL EXPERIENCE:**

**Client: Truist Bank (SunTrust Bank), Atlanta, GA Nov 2021 – Present**

**Role:** **Senior QA Engineer (API, UI, ETL, Manual, and Automation Testing)**

**Responsibilities:**

* Extensively involved in all stages of the **Software Testing Life Cycle (STLC) and Software Development Engineer in Test (SDET) using Agile** methodologies.
* Expert knowledge in **Point of Sales (POS) Device Testing for POS Devices** for the models **Square and LightSpeed.**
* Expert knowledge in Testing **Payment Merchant Gateways** such as **PayFlow, Authorize.Net, Trust Commerce, Elavon,** etc.
* Expert knowledge in Testing **Payment Devices** such as **Magtek, DynaPad, DynaPro, and Ingenico.**
* Expert knowledge in Testing **Mobile** **Payment Applications** such as **GPay, ApplePay, and PayPal.**
* Developing **BDD/TDD** framework based on the testing requirement for the software.
* Worked on **Cucumber** framework with **Web Controls,** creation of **Feature Files, Step Definitions, and reusable methods.**
* Designed and documented **REST, and SOAP APIs** including **JSON data formats** and **API versioning** strategy.
* Validated **SOAP UI and Restful API** services.
* Design and develop **test** **cases**, **test** **plans**, and **test** **scripts** for **API** **testing**.
* Experienced in **building automated tests, testing objects, and migrating test cases** using **Q-Test**.
* Used **Selenium Web Driver** for automating **Cross-Browser Testing** on **Edge, Google Chrome, Firefox, Internet Explorer, and Safari.**
* Implemented extensive **Mobile and User Interface (UI) Testing** on the business Website and business Mobile App using **BrowserStack, and Appium Tools.**
* Developed automation scripts using **Java, Python, Selenium** **Web Driver, Eclipse, and TestNG**.
* Maintained **automated test cases for Smoke Testing** and edited test cases manually from **Squids.**
* Implemented **a Simulator for Mobile App Testing** (iOS, Android, and Windows) **using Appium Tool**.
* Used **LoadRunner** to do functional requirements as well as load testing of **SOAP** **Web services**. Also, various types of timers to reduce the delay between each request thereby solving **overloading** problems.
* Develop scenario-based testing for the **JMeter scripts**.
* Efficient management of **Azure DevOps (ADO**) for assigning **User Stories, creating sub-tasks, and updating sprint boards.**
* Used **Automated Scripts** and performed **Functionality Testing** during various phases of application development using **Selenium.**
* Used **Maven** for building **Web Driver** projects and integrated with Continuous Integration - Continuous Deployment **(CI/CD) tool - Jenkins** for running tests on a nightly basis.
* Assisting in creating and maintaining an automation framework comprising **Java Selenium and Cucumber.**
* Developed **BDD Tests** using **Cucumber** by writing **Scenarios and Step Definitions in Java.**
* Written Automation Test Scripts in **Gherkin** to execute in **Cucumber.**
* Selected the Test Cases to be **automated and performed Functional Testing** of the front end using **Eclipse**.
* Generating detailed reports of the **Bugs and test Execution summary reports.**
* Reviewed test plans, test cases, and test scripts to ensure consistency with strategy direction, goals, and objectives of QA resources working on the projects with **Agile SCRUM** methodology.
* Organize meetings with a manual team when needed using **Web-Ex meetings.**
* Conducted **Smoke Testing, Functional Testing,** and **Sanity Testing.**
* Created **Regression Scripts** using **Selenium RC.**
* Used **Page Object Model, Excel, Selenium, and Xpath locators** as a part of Framework.
* Create, schedule, and run the scenarios using **JMeter** and generate necessary graphs.
* Handled the task of **Localization** and **Globalization Testing** for the **Web and Device portal** with Junior Team Members for multiple languages and coordinated testing tasks.
* Developed and executed **SQL queries** to verify the proper **insertion, deletion, and updating** into the Oracle supporting tables and cubes.
* Prepared user **high-level functional requirement documents** for **User Acceptance Testing (UAT),** aiding in user adoption and validation.
* Prepared the **Test Plan and Testing strategies for Data Warehousing Application.**
* Developed **ETL Test Scripts** based on **Technical Specifications/ Data Design documents and Source to Target Mapping**
* Adept in designing and executing comprehensive **API integration test suites** using industry-standard tools like **Postman** and **REST Assured**, ensuring seamless communication and reliability among diverse software components
* Performed **extensive SQL querying on Staging, Data Warehouse, and Data Marts.**
* Worked with **ETL groups**, **Acquisition Team, and Business Analyst** to understand **mappings** for dimensions and facts.
* Performed **testing for security** checks with the help of **Postman** and **JMeter.**
* Evaluated and analyzed **Quality assurance documents, Business requirement documents, System design documents, and Functional Specification Documents.**
* Contributed to the development of **flowcharts**, **screen layouts**, **Test** **documentation**, and **knowledge transfer documentation.**

**Environment:** Java, Selenium, JMeter, SoapUI, TestNG, BrowserStack, Postman, Cucumber, Rest Assured, Oracle, SQL, NoSQL, MongoDB, Cassandra

**Client: Emory Healthcare, Atlanta, GA Jan 2020 – Nov 2021**

**Role: Senior QA Engineer (API, UI, ETL, Manual, and Automation Testing)**

**Responsibilities:**

* Implemented extensive **Mobile and User Interface (UI) Testing** on the Website and Mobile Apps (iOS, Android, and Windows) using **SmartBear, BrowserStack, Appium Tools, and Real Mobile Devices.**
* Worked on creating a test case for an Object-driven framework for **Selenium Web Driver**.
* Developed automation scripts using **Python**, Selenium **Web Driver, Eclipse, TestNG, and Java**.
* Performed **Data Driven Testing** using Selenium **Web-Driver and TestNG** functions which read data from property and XML files.
* Assisting in creating and maintaining an automation framework comprising **Java Selenium and Cucumber.**
* Developed **BDD Tests** using **Cucumber** by writing **Scenarios and Step Definitions in Java.**
* Written Automation Test Scripts in **Gherkin** to execute in **Cucumber.**
* Involved in running Test scripts on different browsers using the **Selenium Web Driver**.
* Utilize tools such as **SOAPUI**, **Postman**, and **Swagger** for **API** **testing** and **validation**.
* Used Maven for building the **Web-Driver project**. **Integrated with Continuous Integration tools Jenkins** for running tests on a nightly basis automatically.
* Utilized Amazon Web Services (AWS) to create and manage cloud resources for test environments and automation pipelines.
* Extensive experience with AWS services, including EC2, RDS, S3, ELB, Lambda, Device Farm, and Kinesis.
* Tested in **deep defect root cause analysis and root cause solutions**.
* Designed and executed end-to-end **testing strategies** for **web applications**, ensuring optimal performance, security, and user experience through automated testing using **Cypress**.
* Involved in Writing **Maven build scripts** to automate the compilation and execution **of TestNG** test cases/suites for common data service, and Admin UI and java client modules.
* Writing concise test plans and comprehensive test cases using **Behavior Driven Development**.
* Involved in the **Continuous Integration** of the automation framework with **Jenkins**.
* Implemented **Automated execution of tests** (nightly and need-based) using **Maven and Jenkins**
* Used **Cucumber** for browser-based testing with scenarios and situations.
* Involved in providing efficient locators strategy like **XPath and CSS to run Web-Driver script in stable condition.**
* Used **SOAP UI to test SOA-based architecture** applications to test SOAP services and REST API. Also used REST Assured in testing and validating in Java.
* Evaluated and analyzed **various documents related to Business, Functional Specification, and System design.**
* Preparation and execution of test scripts using **JMeter and SOAPUI tool to** perform Web Services testing.
* Involved in writing unique **XPath using firebug and FirePath** to identify web elements to enhance the efficiency and accuracy of **automated testing scripts** for web applications.
* Assigned the new projects to the testing team and tracked the **Review schedules and Testing Status**.
* Involved in **tracking and reporting defects** using the Quality Center and was also responsible for communicating the status to the development team and stakeholders.
* Conducted **Smoke testing, Functional testing, UAT testing,** and **Sanity testing.**
* Created **Regression Scripts** using **Selenium RC.**
* **Extracted data** from various sources like **Oracle, Flat Files, and SQL Server** by using SQL Queries**.**
* Extensively tested several **Cognos** reports for **Data Quality, Fonts, Headers, and Cosmetic.**
* Tested the **ETL Process** to push the transactional data from the **normalized data structure into Data Marts.**
* Created **SQL** scripts to verify **data** during the **extraction phase**, ensuring the accuracy of **data transformation** and **loading** phases while validating compliance with **ETL mapping rules**.
* Extensively interacted with the **Business Team, Development Team, and End Users** to test according to their requirements.
* Worked on configuring and maintaining diverse test **environments** on **Linux**, including **virtual machines** and **containers**, ensuring consistent and reproducible **testing conditions**.
* Created **concise and clear reports** for distribution and presentation to senior management on a daily and weekly basis.
* Experience in **monitoring and tracking** implementation plans.
* **Organized and prioritized requirements** in the Quality Center.

**Environment:** REST, REST API, JavaScript, Selenium, Cucumber, jQuery, JSP, Angular JS, SOAP, Microservices, Maven, GIT, Log4J, Agile methodology, Linux

**Client: McKesson Corp Healthcare, Irving, TX July 2018 - Dec 2019**

**Role: System Analyst V (Senior QA Manual and Automation Engineer)**

**Responsibilities:**

* Extensively involved in all stages of **Software** **testing life cycle (STLC), Software Development Life cycle** (SDLC), and **Software Development Engineer in Test (SDET**) using Waterfall, and Agile methodologies.
* Created **flowcharts**, **screen layouts**, **Test Documentation, and Test Plans**
* Involved in **HIPAA/EDI Medical Claims Analysis, Design, Implementation,** and **Documentation.**
* Involved in preparing the **Test Scenarios for Health Care Claim Payment/Advice.**
* Experienced in building automated **UI tests, testing objects, performing verification, and handling errors using Test-Complete.**
* Manually designed, executed, and maintained automated test cases for **Regression Test Cases** and edited test cases using **TestRail**.
* Efficiently managed **Jira Software for bug and defect tracking** and **Confluence** for **design documents**.
* Assisted in creating and maintaining an automation framework comprising **Java, Selenium, and Cucumber** technologies.
* Stayed updated with industry trends and best practices related to **API** **testing**, **integration** **quality assurance**, and **data modeling/analysis**.
* Performed **product testing** to help solve problems with current products and validated suitability for end-use with required **security test checks**.
* Developed and executed **detailed ETL-related functional, performance, integration, and regression test cases.**
* Extensively used **RabbitMQ (order ID, line items, activity ID) to test the application’s backend process.**
* Experience in using **SourceTree** to clone the core server and **Data Driven Testing using the Spock framework.**
* Conducted end-to-end testing using **Jenkin Jobs in CI implementation.**
* Extensively worked on **JMeter** to create Thread Groups and test Web Applications for various loads on key business process scenarios.
* Created basic test plan cases for our QA automation team using **TestRail for the JIRA Cloud application** and connected test scripts to Jira with **Test-Complete**.
* Experience in **creating bug reports, user stories, and sub-tasks in Jira Software**.
* Selected the Test Cases to be automated and performed for functional testing of the front-end using **IntelliJ IDE scripting console**.
* Performed test automation by using open-source tools such as **Visual Basic, Web Storm, Selenium, and Appium**
* Completed SOA testing using **SOAPUI, Postman, Apache HTTP Client Tool, and Java framework for Web services testing.**
* Experience with AWS services like EC2, RDS, S3, ELB, Lambda, Device Farm, and Kinesis.
* Performed **POS testing** to prevent any issue at the customer end like an invalid PIN, or expired card.
* Experience in retrieving data from databases using SQL and used to create preferences databases
* Tested request and response of XML's based web services interfaces using **RabbitMQ message broker**.
* Executed automated test scripts using **JMeter based on business/functional** specifications.
* Performed execution and logging defects in Quality Center and **Verification of defects for System Testing.**
* Experienced in implementing **Cypress** for web application testing and designing **test suites** for **customer web portals**.
* Conducted Smoke testing, **Functional testing, Regression testing, Product testing, User Acceptance Testing (UAT), and Data validation testing.**
* Experience in comprehensive testing in Linux environments, ensuring software compatibility, functionality, and performance on various **Linux** distributions such as **Ubuntu**, **CentOS**, and **Red Hat**.
* Wrote and executed **shell scripts for test automation**, system monitoring, and log analysis, streamlining testing processes and enhancing efficiency.
* Used **Linux** monitoring tools to monitor system resource utilization during testing, optimizing performance, and identifying potential bottlenecks.
* Used **Page Object Model, UI Mapping, Selenium Manager, Behavior Driven using Cucumber, CSS Selectors** as a part of Framework.
* Worked on **UAT testing** by creating new business users, and setting up all the required data, preferences, and required permissions.
* **Deployed and configured Apache Tomcat** as the web server for various enterprise-level web applications, ensuring high availability and optimal performance
* Experienced in Testing and validating **REST services in Java using REST Assured**
* Involved in Web Services Testing using **REST-based web services** to create and execute automated **functional, regression, and compliance tests.**
* Utilized Docker Compose to define and manage multi-container applications and streamline test environment setup.
* Used **Sauce Labs** **Emulators and Simulators** for testing the application on Mobiles.
* Created **ETL execution scripts for automating jobs.**
* Conducted **Metadata Analysis, Data Migration, and Data Cleaning.**
* Implemented simulator for mobile app testing in **IOS and Android platforms using Appium Tool.**

**Environment:** REST API, Micro Services, Docker, Kubernetes, Apache Tomcat, Maven, Struts, Web sphere, SAAS, Eclipse IDE, Linux, JMS, LDAP, Clear Case.

**Client: Home Depot, Atlanta, GA June 2016 – July 2018**

**Role: QA Engineer (Manual and Automation Teasing)**

**Responsibilities:**

* Worked in an **Agile** environment, and actively participated in **sprint** plan meetings, daily **stand-up** meetings, sprint **review** meetings, and **retrospective** meetings.
* Involved in preparing **test plans, test cases**, **security checks,** and **test data** for all stories in the sprint.
* Gave sprint **demos** to the **product owner, and stakeholders/business team** at the end of each sprint and each PI.
* Hands-on experience in **writing core Java to access data from outsourced files and using OOP** concepts in developing the **Selenium** framework.
* Performed **API functional testing** using **Postman.**
* **Automated API regression testing** with **HTTP Client, TestNG, and Java.**
* Involved in developing a **Data-Driven Page Object Model (POM) framework using Selenium WebDriver, Java, and TestNG.**
* Expertise in **TestNG** **Annotations and Assertions**.
* Thorough experience in **implementing** **Automation Tools Selenium** **WebDriver, JUnit, TestNG, CI/CD Eclipse, Git/GitHub, Jenkins, and SOAP UI.**
* Used **Selenium WebDriver** to **run test cases** in **multiple browsers and cross Platforms**.
* Wrote **scripts** in Java with a clear understanding of the **OOPS** concepts such as **Inheritance, Polymorphism, Abstraction, Encapsulation,** etc.
* **Configured and monitored CI/CD pipelines** using **AWS** services for testing, ensuring efficient and reliable automated testing and deployment processes.
* Ensuring smooth execution of **GUI automation testing** using various tools.
* Configured **Apache POI** to read data from an **Excel** sheet.
* Generated **test logs** using **Log4j** for various log levels.
* Generated **HTML test reports** using **Maven and TestNG.**
* Experience in **defect** **logging, tracking**, and **monitoring using Jira.**
* Wrote **SQL queries for backend testing**.
* Implemented **CI/CD using Jenkins.**

**Environment:** Selenium, Postman, TestNG, Java, Selenium WebDriver, Junit, Eclipse, Git, GitHub, Jenkins, SOUP, REST, Apache POI, HTML, Maven, Log4J, SQL

**Client: HCL Technologies Private Limited, Ahmedabad Nov 2011 – July 2014**

**Role:** **QA Analyst (Manual and Automation)**

**Responsibilities:**

* Reviewed the **Use Case Requirements, Functional Design Documents, and Technical Specifications Documents.**
* Used **Selenium IDE for Open-source web testing.**
* Leveraged core **Java** skills to access data from outsourced files and applied **Object-Oriented Programming (OOP)** concepts to develop an efficient **Selenium automation framework** tailored to **requirements** for the e-commerce platform
* Generated **test logs** using **Log4j** for various log levels, providing detailed documentation **for test cases** for online transactions
* Utilized **SQL queries** for **backend testing**, ensuring the **integrity of data in** applications.
* Performed thorough **analysis** of the **companion guides** from Commercial Clients and identified the changes that specific clients need.
* Actively participated in **Agile Testing**
* Completed tasks on time for each **sprint** to meet the deadlines.
* Used **Selenium IDE for web testing.**
* Hands-on experience with **API** **testing** tools like **SOAP UI**, **Postman**, and **Swagger.**
* Involved in the creation of an **Automation test framework using Selenium.**
* Used Firebug Tool to identify the **Object's ID, Name, XPath, and link** in the application.
* Involved in testing **Web Services and XML using SOAPUI**
* Verified the response received by updating the request **XML** and added **annotations** to the test in **Selenium.**
* Developed the **Automation Test Scripts using Java and execution using Selenium.**
* Experienced in using **Selenium Grid to execute Selenium automation suites on different platforms and various browser combinations in parallel.**
* Involved in executing all **Selenium Test Scripts** on the different browsers and checked for compatibility.
* Assisting in creating and maintaining an automation framework comprising **Python**, **Java, and Selenium,** technologies.
* **Automation Regression Test Cases** were automated using **Selenium Web Driver, and Web Driver Backed Selenium**.
* Executed **Test Cases and test Plans and Analyzed the Test Results**.
* Developed the **Positive and Negative Test Cases** for various modules based on the business requirements.
* Leveraged **AWS** cloud storage and networking capabilities to optimize test data management and test execution.
* Performed **Manual Testing** on different Modules of the Application**.**
* Experienced in **Cypress automation** for web testing.
* Prepared detailed reports and high-level functional requirement documents of **security tests**, **Bugs and Defects, Pass/Fail reports,** and **comparison analysis**.
* **Collaborated** with the development teams, application and data architecture team, migration and build teams, and the DBA team to **report and correct defects**.
* Investigated software **bugs-maintained reports** and tracked **defects**.
* Conducted **Functional and Regression Tests** and interacted with developers to fix defects and resolve application user interface inconsistencies.
* Extensively used Quality Centre for **test planning, maintaining test cases and defects.**
* **Categorized bugs** based on their severity and interfaced with developers to resolve them.
* Execution of **daily Smoke Tests** to ensure the deployment of each environment is stable.
* Performed **Load and Stress Testing using JMeter.**
* Created **Test Plans, and SQL Scripts** for verifying the **ETL Process** as part of the **Enterprise Data Warehouse (EDW).**
* Used **Maven and TestNG** to generate **HTML test reports.**
* Worked on **Unix** Platform and experienced in **Back-End Testing** by executing **SQL Queries.**
* Performed **Black Box Testing, Positive and Negative Testing** for the System.

**Environment:** SOAP, REST, REST API, JPA, Maven, GIT, JUnit, Log4j, HTML5, CSS3, JSON, JMS, DB Visualizer, UML, Mockito, JSP, XML, JAXB, Unix, Subversion (SVN)

**Client: L&T Infotech Private Limited, Ahmedabad Aug 2008 – Nov 2011**

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

**Responsibilities:**

* Experience in Defect Management including tracking and reporting bugs using **HP ALM/Quality Center** and thorough knowledge of **JIRA**.
* Experience in using the Quality Center for **Test** **Planning** and Defect Reporting and Tracking, a thorough understanding of the **Defect life** **cycle process**.
* Updating the test cases based on the Change **Requests/Enhancements**.
* Provided support in performance testing using **JMeter**tasks including developing test plans, test scripts, and reports.
* Extensive experience in **Oracle database testing**, including **SQL** and **PLSQL**, to ensure data integrity and accuracy in testing environments.
* **Collaborated** with database administrators (DBAs) to optimize test data setup and verify proper data insertion, deletion, and updating in **Oracle databases**.
* Analyzed test specifications and converted them into **Manual Test Cases**.
* Utilize tools such as **SOAPUI**, and **Postman**, for **API** **testing** and **validation.**
* Created **XML-based** test suite and integrated with **Jenkins Server.**
* Creating test cases for **ETL mappings** and **design documents** for production support.
* Performed **manual testing** to check the functionality and executed the test cases in the Quality Center.
* Updating the **Requirement Traceability Matrix** document.
* Written user stories in **Jira** and added **acceptance criteria** for the requirements.
* Maintained the product backlog in **Jira**.
* Responsible for Bug management activities using **Bugzilla**.
* Performed **End-to-End testing** manually and was associated with **User Acceptance Testing**.
* Involved in Preparing the Status Reports every week, which includes **Revision History**, **Test case status, QA issues,** and **Defects**.
* Performed **Regression** **testing** on every new build and for every modification in the application.
* Prepared high-level functional requirement documents and test plans for **salesforce** **payment modules** integration with the database.
* Experience in setting up and configuring **Linux**-based test servers for various testing scenarios, including web applications, databases, and network protocols.
* Experience in **testing software components** of **robotics systems**, including **navigation algorithms, sensor integration, and control systems.** Experience in the integration of **hardware and software components** for embedded applications.
* Demonstrated expertise in **troubleshooting** and resolving **Linux**-related issues, ensuring smooth testing operations, and minimizing downtime.
* Proficient in **package management tools** like apt and yum, ensuring the installation and maintenance of necessary software packages for testing environments.

**Environment**: JMeter, Rest API, SoapUI, Postman, XML, JSON, ETL, Jira, Bugzilla, Regression Testing, Linux, Robotics, Embedded, Salesforce