**Nithya**

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**Professional Summary:**

• Over 8+ years of hands-on experience in Software Quality Assurance Testing, encompassing both Manual and Automation testing.

• Proficient in **Software Testing Life Cycle (STLC)**, including Risk Analysis, Planning, Test Design, Execution, Defect Tracking, Management, and Reporting.

• Skilled in writing **Selenium** WebDriver automation scripts using **Java** and experienced in Automating Web Application Testing with TestNG/Cucumber framework. Also have experience in mobile application testing for Android and iOS devices using Appium.

• Expertise in designing and implementing various automation frameworks such as **Cucumber BDD**, Data Driven, and Keyword Driven with Page Object Model (**POM**) Design Patterns.

• Experienced in **backend testing** with SQL queries and procedures using **Oracle** and **SQL Server**.

• Strong knowledge in implementing Waterfall and Agile Methodology, along with adaptability to dynamic work environments and proven interpersonal skills.

**Education:**

* **Master of Engineering in Computer and science, 2012, Anna University, Tamil Nadu, India.**
* **Bachelor of Information Technology, 2006, Anna University, Tamil Nadu, India**

**Technical Skills:**

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| **Testing Tools** | Selenium WebDriver/IDE/GRID, Soap UI, Postman, Cucumber, Appium |
| **Languages** | Java, HTML, CSS, XML |
| **Test Framework** | TestNG. |
| **Project Methodologies** | Agile-Scrum, Waterfall. |
| **Defect Tracking Tools** | VersionOne, Jira, HP ALM |
| **CI/Build Tools** | Jenkins, Maven |
| **Databases** | Oracle, SQL |
| **Operating Systems** | Windows variants, UNIX |

**Professional Experience:**

**Client: FedEx, Memphis, TN Feb 2022-Till date**

**Role: Delivery Project Lead**

**Roles and Responsibilities:**

* Collaborated with developers, business teams, and SMEs to define test requirements and develop test cases aligned with business needs.
* Prepared detailed test plans for each workstream, conducted reviews with the Business for approval, and coordinated teams across releases for Functional and Automation testing, sharing reports with stakeholders and management.
* Utilized Eclipse IDE to develop and debug code, identified test scenarios, prepared and executed test cases, and actively analyzed test results, providing valuable suggestions and feedback.
* Managed code reviews using GIT as a repository, executed Automated scripts for test execution, and coordinated with different teams for development and deployment tasks, including release orders and defect resolution.
* Estimated effort for automating the regression suite by analyzing application behavior and the current framework, while also conducting various testing activities such as functional, regression, end-to-end, and database testing.
* Identified and raised defects in VersionOne, managed defect tracking until closure.
* Actively participated in status report meetings, interacted with team members for technical issues, coordinated and managed the team for the smooth delivery of release orders, checked and updated management on issues across modules daily through emails and status trackers, and identified risks with mitigation plans implemented during test execution.

**Environment:** Java, Selenium, Maven, GIT, Jenkins, Eclipse, XPath, Postman, VersionOne, SQL, Oracle, Agile and Windows.

**Client: CNO Financial Group, Carmel, IN. Mar 2021 – Jan 2022**

**Role: Automation Engineer (QA)**

* Reviewed business requirements and technical specifications, analyzing use cases and functional requirements to develop detailed test scenarios and test cases.
* Developed automation scripts using Java with selenium, executing tests across different browsers and platforms, and implementing TestNG framework for test suits.
* Utilized Maven for building and running Selenium automation frameworks, with automated reports sent via email upon script completion, and implemented BDD framework with Cucumber and Java, creating future files for scenario and scenario outline.
* Managed code reviews using GIT as a repository, wrote Appium automation scripts in Java for mobile applications, and executed tests on simulators or emulators for Android versions 5.0 and 6.0.
* Documented test cases, scenarios, and scripts for verification and validation, conducted various testing types including usability, UI, functional, and database testing, and wrote unique XPath for web element identification.
* Developed comprehensive test plans using HP ALM, conducted API manual testing with Postman, checked data flow, and utilized SQL queries for database validation, while collaborating with developers, business analysts, and project managers in Agile (Scrum) methodology to determine requirements.

**Environment:** Java, Selenium WebDriver, TestNG, Maven, Cucumber, GIT, Jenkins, Appium, Eclipse, XPath, Postman, Restful, HP ALM, SQL, Agile and Windows.

**Client: Access National Bank, Reston, VA. Jan 2020 –Mar 2021**

**Role: Test Automation Engineer**

• Implemented Behavior-Driven Development (BDD) with Cucumber and Java, expanding test scenarios, and leveraging TestNG for comprehensive test reporting and error screenshot capture.

• Managed version control using GIT, ensuring code quality through peer reviews and employing Appium Java Client-Library for mobile device testing across various Android versions.

• Engaged in diverse testing phases including Functional, Integration, Regression testing, utilizing tools like Postman for SOAP and RESTful Web Services testing, Quality Center for test management, and SQL queries for backend database verification.

• Actively participated in various meetings including Stand-up, walk-through, automation, and assessment meetings with cross-functional teams.

**Environment:** Java, Selenium WebDriver, TestNG, Maven, GIT, Jenkins, Eclipse, XPath, XML, Appium, Postman, Quality Center, SQL, Agile and Windows.

**Client: Kindred Health Care, Louisville, KY. Oct 2017 – Aug 2019**

**Role: QA Engineer**

• Conducted comprehensive testing activities including functional, regression, and integration testing for various software projects.

• Collaborated closely with cross-functional teams including developers, product managers, and business analysts to understand project requirements and ensure quality standards were met.

• Developed and executed test plans, test cases, and test scripts, utilizing both manual and automated testing techniques.

• Identified and documented software defects tracked defects throughout the defect lifecycle and worked closely with development teams to ensure timely resolution.

**Environment:** Java, Selenium WebDriver, Eclipse, SOAP, Quality Center, UNIX, and Windows.

**Client: Quant Software Solutions, India. May 2016 – Aug 2017**

**Role: QA Tester**

• Executed manual testing procedures, including functional, regression, and user acceptance testing, to ensure software quality and functionality.

• Developed and executed test cases based on project requirements and specifications, documenting test results and defects as necessary.

• Facilitated effective communication among cross-functional teams to relay testing progress, report issues, and maintain alignment with project timelines and objectives.

**Environment:** Manual Testing, Quality Center, SQL, Windows.