# Venkata Adapa venkatasap03@gmail.com | +1-7343045465

# Professional Summary:

With over 3+ years of hands-on experience, I am a seasoned QA Automation and Manual Engineer specializing in creating and executing comprehensive test plans and scripts. My proficiency extends across a spectrum of testing environments and tools, including Selenium, JUnit, TestNG, and automated testing frameworks. Additionally, I possess strong expertise in manual testing methodologies, ensuring that applications meet rigorous quality standards.

# Technical Skills:

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| **Programming Languages** | Java, C, C++, JavaScript |
| **Web Services** | REST API |
| **Databases** | SQL, MySQL, Oracle, MongoDB, PLSQL,Sybas ASE |
| **Tools & IDE** | Selenium Web Driver ,Junit ,TestNG,Cucumber,Cypress,Appium,Postman,Playwright,Espresso |
| **Operating systems** | Windows, Linux, Mac OS |
| **Automation tools** | Jenkins, Docker |
| **Methodologies** | Agile, Scrum |
| **IDE Tools** | Eclipse, STS, Spring Boot, IntelliJ, Maven, Gradle |

# Education:

* NorthWest Missouri State University,Missouri,USA Dec-2023

Master’s in computer science 3.87/4.0

* Sathyabama University ,Chennai, India May- 2019

BTech in ECE (Electronic and Communication Engineering)

# Work Experience:

**Kansas Healthcare June 2023 - Present**

**Junior QA Manual and Automation Tester**

* Conducted thorough exploratory testing across multiple websites including KBOR (Kansas Board of Regents), KDOT (Kansas Department of Transportation), and HCBS (Home and Community-Based Services), identifying and documenting an average of 20 unique issues per week, ensuring high-quality user experiences.
* Implemented regression testing strategies for KBOR, KDOT, and HCBS websites, executing 50 test cases per week with a 95% success rate, maintaining functionality and performance integrity through software updates and changes.
* Automated the ROAS (Return on Ad Spend) website using Selenium and Java, implementing the Page Object Model (POM) to reduce manual testing efforts by 70%, achieving a 90% test coverage, and improving release cycle times by 50%.
* Authored comprehensive documentation for the HCBS project, encompassing 100+ pages of technical specifications, user guides, and troubleshooting manuals, facilitating seamless knowledge transfer, and reducing onboarding time by 30%.
* Utilized Azure DevOps for bug tracking and project management across KBOR, KDOT, HCBS, and ROAS projects, maintaining an average closure rate 10 bugs per week, ensuring efficient issue resolution and project delivery.
* Collaborated closely with development and QA teams across all projects to triage and prioritize defects, achieving a 95% defect resolution rate within agreed-upon SLAs, thereby enhancing overall product reliability and customer satisfaction.
* Thorough hands-on experience with all levels of testing including White box Testing, Black box testing, Functional Testing, Integration Testing, System Testing, Regression Testing and User Acceptance Testing.
* Developed test scenarios and test procedures based on the test requirements.

# Renault Nissan Chennai, India Jun 2019 – Aug 2022

**Junior Verification Tester**

* Analyzed business and technical requirements for the Renault Nissan application to create detailed test cases and scenarios.
* Conducted exploratory testing to uncover unexpected issues and ensure comprehensive coverage of the Renault Nissan app's functionalities.
* Utilized parallel test execution to speed up the testing process and reduce feedback time for the App.
* Conducted manual testing on the Renault Nissan mobile app across various devices and operating systems to ensure consistent performance.
* Developed and maintained a robust test automation framework using Selenium and Java, specifically for the app.
* Created and executed automated test scripts for critical functionalities such as user login, vehicle configuration, and booking services in the Renault Nissan app.
* Developed an automated regression test suite to quickly validate the stability of the Renault Nissan app after each release.
* Conducted cross-browser testing to ensure the Renault Nissan app’s compatibility across multiple web browsers.
* Facilitated UAT sessions with stakeholders to ensure the Renault Nissan app met business requirements and user expectations.
* Utilized Jirafor planning, adding user stories, tasks, creating test cases, tracking defects, and managing iterations.
* Good Exposure to all stages of Software Development Life Cycle (SDLC).
* Applied Selenium for cross-browser compatibility testing, ensuring seamless functionality across major browsers.
* Integrated Selenium with Continuous Integration tools like Jenkins, enabling automated regression testing as part of the CI/CD pipeline
* Proficient in Behavior-Driven Development (BDD) using Cucumber, facilitating collaboration between stakeholders, developers, and testers
* Expertise in unit testing and integration testing using TestNG, ensuring comprehensive test coverage and early defect detection
* I have good knowledge on mobile testing as well.
* Proficient in API testing using Postman, ensuring the functionality, reliability, and performance of RESTful APIs
* Proficiency in testing and debugging tools such as Postman, and Chrome Debugger
* Expertise and background in mobile device testing as well as testing mobile apps across several mobile application platforms, including iOS and Android.
* Understanding of Java's inheritance, abstraction, polymorphism, and encapsulation concepts as they relate to object-oriented applications
* understanding of Java abstract classes and interfaces, pattern programming, and method binding.   
  familiarity with collection frameworks, object classes, map interfaces, multi-threading, exception handling, and string programming
* Excellent interpersonal skills, dedication, focus on results, diligence, and a never-ending quest to master new technologies.
* Knowledge and experience in testing mobile apps on different Mobile Application Platforms, such as iOS and Android and on Mobile device testing.
* Wrote complex SQL queries to verify data integrity.
* Performed Smoke, Sanity, Security, and Backend testing manually as well.