**NAGULU SYED Email: nagulu6248@gmail.com**

**Mobile: +91 - 9848657887**

**PROFESSIONAL SUMMARY**:

“Experienced software **automation tester** with over **2.5 years** of expertise in **C/C++**, **Java**, and **Python**. Skilled in various testing methodologies and committed to delivering high-quality software. Quick learner, eager to contribute to a team and engage in all phases of the development lifecycle.”

* **Designed and developed robust test automation scripts**, ensuring comprehensive test coverage and efficient testing processes.
* **Skilled in utilizing automation testing tools and frameworks** such as Selenium, WebDriver, TestNG, and Maven to develop and maintain automated test scripts, implementing Page Object Model (POM) for efficient test script maintenance and management.
* **Contributing to enhancing testing efficiency and coverage through automation**, particularly for repetitive or complex test scenarios.
* **Proficient in API testing techniques** to verify data integrity, consistency, and functional requirements adherence, validating APIs by sending requests and comparing responses with expected outcomes.
* **Collaborating with the development team** for user stories elaboration, test automation, and bug fixes related to API integrations.
* **Proven skills in developing & executing comprehensive test cases** based on a thorough understanding of business requirements and ensuring accurate documentation of test evidence, defect reports, and test cases.
* **Pivotal in Agile-based project methodologies**, including daily stand-up calls, client meetings, and retrospective sessions.
* **Collaborating with cross-functional teams**, including business analysts, developers, and testers, to ensure alignment on project objectives and deliverables.

**TECHNICAL SKILLS:**

**Operating Systems:** Windows, Linux

**Programming Languages:** C/C++, Core Java, Python

**Technologies/Frameworks:** Selenium, Robot Framework, WebDriver, TestNG, Pytest, Maven, POM

**Tools:** GIT, Jenkins, Postman, Swagger, VSCode, Eclipse, REST assured, ALM, Kafka, VectorCAST.

**EXPERIENCE SUMMARY:**

**Capgemini – Test Engineer** (November 2021 – Present)

**ASSOCIATE II**

**Trip Optimizer Project** / Automation Testing, Unit Testing

**Description:** Trip Optimize (TO) is a smart cruise-control system for trains that considers terrain, train make-up, speed restrictions and operating conditions to calculate an optimum speed profile.

**Responsibilities**:

* Worked on the Development of peer-developed/Updated Software in C and C++ languages.
* Designed and developed unit test cases for software components across Linux, Windows, and QNX platforms using the VectorCAST testing tool, ensuring high code coverage and defect detection.
* Familiarity with VectorCAST automated testing capabilities, including code coverage analysis, Integrating modules, dynamic testing, integration testing and regression testing.
* Knowledge of programming languages commonly used with VectorCAST, such as C, Embedded C and C++.
* Experience with developing and maintaining test suites for complex systems, including embedded systems or safety-critical applications.
* Strong ability to analyze and interpret test results, identify defects, and collaborate with team leads to resolve issues.

**Projects**

**QTRIP Sanity Testing** *| Java, Selenium, Maven, TestNG, Page Object Model*

• Testing the dummy e-travel website using selenium TestNG, POM, and Extent Reports framework.

• Checking functionalities and generating the report to store the results of Sanity and Regression testing in an emailable format.

• Used Log4J to generate the log statements of the test execution.

**QKART Sanity Testing** | *Java, Selenium, Gradle, TestNG*

• Testing of a dummy e-commerce website using the TestNG framework.

• Testing functionalities and maintaining an Excel file to store the results of Sanity and Regression testing.

• Using Apache POI to keep the record of all the test cases in an Excel file.

**EDUCATION DETAILS:**

⎯ Bachelor of Technology

* Amrita Sai Institute of Science and Technology | CSE | 2021 – 7.0 CGPA

**PERSONAL DETAILS:**

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Contact: 9848657887

**DECLARATION:**

I hereby confirm that all the information provided above is correct. Please contact me for any further information.

**Nagulu Syed**