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

**Mobile: +91 - 9848657887**

**PROFESSIONAL SUMMARY**:

"Motivated and results-oriented professional with a proven track record of 2 years in software development and testing. Proficient in C, Embedded C, C++, and Python programming languages, with a deep grasp of software development principles. Possesses extensive knowledge of testing methodologies, ensuring the delivery of superior software solutions. A rapid learner with a fervor for overcoming challenges, dedicated to enhancing expertise in both development and testing realms. Eager to make substantial contributions to a dynamic team and actively engage in the entire software development lifecycle.”

* Mastery of C, C++, and Python fundamentals encompassing variables, data types, control structures, loops, functions, and arrays.
* Profound understanding of object-oriented programming concepts in C++ and Python, including classes, objects, inheritance, polymorphism, abstraction, and encapsulation.
* Expertise in memory management and pointers in C and C++, covering dynamic memory allocation, deallocation, smart pointers, lambda expressions and Multithreading.
* Thorough comprehension of Testing Concepts with hands-on experience in Unit Testing.
* Proficiency in VectorCAST automated testing, spanning test case creation, execution, result analysis, code coverage analysis, dynamic testing, and regression testing.
* Knowing RTOS concepts.
* Experience in the automotive industry.
* Experience with the Linux operating system.
* Proficient in effectively comprehending and analyzing intricate C/C++ and low-level code, enabling precise debugging, optimization, and seamless integration within complex software systems.
* Skilled in database management systems like MySQL, with a knack for designing and implementing efficient database structures.
* Demonstrated agility in adopting new technologies, grounded in a solid programming and web development foundation.
* Self-motivated decision-maker, excelling in critical thinking, particularly in demanding situations.
* Eager to leverage my expertise and enthusiasm to fuel innovation and drive success within a collaborative environment.

**EXPERIENCE SUMMARY:**

**ASSOCIATE 2**

**Capgemini**

November 2021 – Present

**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.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Programming Languages | C, C++, Python, core Java |
| Web Technologies | HTML, CSS |
| IDE Tools | PyCharm, Visual Studio, eclipse |
| Data Base | MySQL |
| Operating Systems | Windows, Linux and QNX |
| Testing Tools | VectorCAST, Selenium |

**EDUCATION DETAILS:**

⎯ Bachelor of Technology

* Amrita Sai Institute of Science and Technology | CSE

⎯ Intermediate

* Narayana Junior College | MPC

⎯ SSC

* Ravindra Bharathi Public School

**PERSONAL DETAILS:**

Name: Nagulu Syed

Email: nagulu6248@gmail.com

Address: 11-44, old ice mill road, hanuman Peta, Kanchikacherla, NTR District, Andhra Pradesh, 521180.

Contact: 9848657887

**DECLARATION:**

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

**Nagulu Syed**