

# SYED NAGULU

## Associate II

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## PROFILE SUMMARY

- 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, 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 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 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** and collaborating with cross-functional teams, including business analysts, developers, and testers, to ensure alignment on project objectives and deliverables.

## EXPERIENCE

### Associate II

#### Capgemini

11/2021 - Present Hyderabad

## PROJECTS

### TRIP OPTIMIZER

Godāwari, Nepal

- 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.
- 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

## SKILLS

### OPERATING SYSTEMS

Windows Linux

### PROGRAMMING LANGUAGES

C/C++ Core Java Python

### TECHNOLOGIES/Frameworks:

Selenium WebDriver TestNG Pytest Apache POI Maven WebDriver Manager Page Object Model

### TOOLS

GIT Jenkins Postman Swagger VectorCAST VScode Eclipse REST Assured ALM Kafka

# EDUCATION

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Bachelor of Technology

Amrita Sai Institute of Science and Technology | CSE

07/2021 Kanchikacherla