

Tarun Ramireddy

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Summary

Results-driven Quality Assurance Engineer with over 2.5 years of experience in automation and manual testing for web and mobile applications. Proficient in creating robust test scripts using Selenium, Postman, and Cypress, with working knowledge of SQL and Jenkins CI/CD pipelines. Certified ISTQB-CTFL professional with expertise in Agile methodologies and tools like JIRA and Confluence. Skilled in API testing, integration testing, and defect management, with a strong interest in programming and development. Adept at collaborating with cross-functional teams and maintaining high software quality standards by leveraging metrics-driven approaches.

Skills

Languages: Java, Python, JavaScript

Technologies and Tools: HTML 5, CSS, Selenium WebDriver, TestNG, BDD-Cucumber, Robot Framework, Cypress, Functional Testing, Sanity Testing, Integration testing, System testing, Regression Testing, User Acceptance Testing, Test Case Design, Test Scenarios design, Defect management, API Testing, Postman, REST-Assured, Jenkins, Git, GitHub, MySQL, jQuery, AWS (IAM, EC2), Shell Scripting, Linux, JIRA, Confluence

Methodologies: SDLC (Software Development Life Cycle), STLC (Software Test Life Cycle), Agile, Waterfall

Work Experience

Cognizant Technology Solutions, Hyderabad

July 2023 - August 2024

Software Development Engineer in Test

- Led the development of modular, data-driven, and keyword-driven automation frameworks, enhancing script reusability and scalability.
- Designed and documented comprehensive test strategies, test plans, and test cases to ensure robust software validation.
- Increased test reliability and accuracy by creating robust and efficient automation scripts tailored to business needs.
- Streamlined automation efforts by integrating advanced scripting methodologies, reducing testing time and improving efficiency.
- Collaborated across teams to align automation strategies with organizational goals, ensuring seamless implementation.
- Awards: Recipient of the Global Impact Award for exceptional contributions to automation architecture.

Cognizant Technology Solutions, Hyderabad

July 2022 - July 2023

Automation Test Engineer

- Designed and implemented automated test scripts using Selenium WebDriver with Java, ensuring high-quality software delivery.
- Developed and maintained test data for functional, integration, and regression testing scenarios.
- Enhanced automation coverage by identifying gaps and developing additional scripts to address critical test cases.
- Conducted thorough testing, identifying and troubleshooting defects to maintain application stability and functionality.
- Awards: Honored as a Star Performer for outstanding achievements in automation engineering.

Cognizant Technology Solutions, Hyderabad

Feb 2022 - July 2022

Software Intern

- Assisted the IT team in creating and executing test automation scripts, improving testing efficiency across multiple applications.
- Gained hands-on experience in troubleshooting and debugging, identifying script errors and application defects.
- Learned to collaborate effectively within cross-functional teams, contributing to achieving organizational objectives.

Education

Univeristy of Cincinnati, Ohio	Aug 2024 - Present
Master's in Information Technology	CGPA: 4.0/4.0
Jawaharlal Nehru Technological University Kakinada, India	Aug 2018 - June 2022
Master's in Information Technology	CGPA: 3.7/4.0

Project Work

- **Virgin Media O2(UK) (07/2022 - 07/2024):**
- Worked closely with functional testers to support automation of existing testing processes.
- Designed, developed, and documented code and packages for test automation using Selenium Web Driver and Java.
- Analyzed business requirements and defined automation test scopes in collaboration with stakeholders.

Certifications

- **ISTQB-CTFL** Issued by International Software Quality Board
- **AWS CLOUD FUNDAMENTALS** Issued by Amazon Web Services
- **LAMBDA TEST SELENIUM ADVANCED** Issued by LAMBDA TEST