Tarun Venkata Reddy Ramireddy

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Professional Summary

Skilled Software Development Engineer in Test with 2.5 years of hands-on experience in test automation, Backend technologies, and cloud infrastructure. Proficient in tools like Selenium, Cypress, and AWS, with expertise in languages such as Java, Python, and JavaScript. Experienced in building and optimizing test automation frameworks, enhancing system performance, and working with Backend technologies like Node.js, Express.js, and MySQL.

Technical Skills

Programming Languages: Java, Python, JavaScript

Tools and Technologies: Selenium WebDriver, Appium, Cypress, REST-ASSURED, Jenkins, TestNG, BDD Cucumber, Page Object Model, GIT, GitHub, Shell Scripting, Linux, AWS, EC2, IAM, Ansible

Web Development: HTML, CSS, JavaScript, Node JS, Express JS, MySQL

Methodologies: Software Development Life Cycle, Defect Life Cycle, Software Testing Life Cycle, Agile, Waterfall

Work Experience

Cognizant Technology Solutions, Hyderabad   Aug 2023 - July 2024
Software Development Engineer in Test

- Developed modular automation framework, increasing script reusability by 40% and scalability by 30% using Selenium WebDriver.
- Developed test data automation using Apache POI, achieving 90% coverage and reducing manual efforts by 50%.
- Automated backend marketing enrichments using JavaScript portlets, improving efficiency by 50%.
- Awarded the Global Impact Award for automating workflows, reducing manual effort by 50%.

Cognizant Technology Solutions, Hyderabad   Aug 2022 - July 2023
Automation Test Engineer

- Built 150+ automated scripts with Selenium, reducing defects by 15%.
- Improved testing efficiency and accuracy for product offering catalogues by 25% by enhancing static objects into variables during new configuration changes.
- Enhanced test coverage to 80% by addressing critical gaps in functional and regression testing.
- Resolved 60+ critical defects, maintaining software stability and improving release speed by 25%.
- Received the Star Performer Award for increasing automation efficiency and resolving top defects of the season.

Cognizant Technology Solutions, Hyderabad   Feb 2022 - July 2022
Software Intern

- Built 50+ automated scripts with Selenium using the TestNG framework, reducing defects by 15%.
- Resolved 40+ defects, ensuring smooth application delivery.
- Gained hands-on experience in troubleshooting and debugging by identifying script errors and application defects.
- Collaborated effectively with cross-functional teams, contributing to organizational objectives.

Education

University of Cincinnati, Ohio, United States   Aug 2024 - Expected Dec 2025
Master of Science in Information Technology   *CGPA: 4.0/4.0*

Jawaharlal Nehru Technological University Kakinada, India   Aug 2018 - June 2022
Bachelor's in Engineering   *CGPA: 3.8/4.0*

Certifications

- **ISTQB-CTFL** – International Software Quality Board
- **AWS Certified Cloud Practitioner** – Amazon Web Services
- **LambdaTest Selenium Advanced** – LambdaTest
- **The Complete Full-Stack Web Development Bootcamp** – Udemy