Nalini Kumari

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Professional Summary

A highly skilled Software Engineer in Testing with over 6 years of experience in manual and automation testing across web applications. Proven track record in designing robust test frameworks, improving test coverage, and delivering high-quality releases under Agile environments. Strong expertise in Selenium, Java, TestNG , ROBOT Framework with working knowledge of API Testing, Cucumber, Jenkins, and Python.

Skills

Testing: Manual Testing, Automation Testing
Languages: Java, Python, SQL
Automation Tools: Selenium WebDriver, TestNG, Robot Framework, Cucumber
CI/CD & DevOps: Jenkins, Git, Maven
API Testing: Postman, REST Assured
Test Management: JIRA
Databases: Oracle
Methodologies & Frameworks : Agile, Scrum, STLC, BDD

Professional Experience

Sr. Software Engineer

Tech Mahindra (07/2022–02/2025)
Bangalore, India

Project Summary: Validated a network provisioning system for a leading US telecom company, ensuring backend sync, access control, and API reliability.

Key Achievement: Led QA team and built automation framework using Robot Framework.

Responsibilities:

- Automated tests using Selenium, TestNG, and Robot Framework.
- Reviewed code for quality and reusability; identified risks and improved processes.
- Collaborated with onsite teams and clients to resolve issues and clarify requirements.

- Executed sanity and regression tests across multiple environments and validated backend data with SQL.
- Led API testing troubleshooting, defect triage, and delivered sprint demos.

QA Analyst / Automation Test Engineer

Cognizant Technology Solutions *(05/2018–06/2022)*
Coimbatore, India

Tested network provisioning platform for US telecom, focusing on backend syncing, access control, and API stability.

Key Achievement: Reduced test execution time by 40% via Selenium framework optimization.

Responsibilities:

- Designed and executed functional and automation test cases based on business requirements using Selenium, ensuring broad test coverage.
- Managed defects end-to-end and identified process improvements to boost testing efficiency.
- Collaborated with cross-functional and onsite teams for timely issue resolution across multiple projects.
- Participated in Agile ceremonies and worked closely with clients to gather requirements and review defects.
- Mentored new team members and tested complex group insurance plans across diverse configurations.

Education
Bachelor of Technology (Information Technology)
B. C Roy Engineering College, Durgapur (West Bengal, India)
2013-2017

Certifications
Selenium, Agile, ROBOT Framework, Cucumber

Languages
English, Hindi