

ASHMITA MUDALIAR

QA TEST LEAD | SENIOR QA AUTOMATION ENGINEER | SOFTWARE QA TESTER

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Summary

Accomplished QA Test Lead with 9+ years of hands-on experience in driving software quality through robust automation, end-to-end test strategy, and Agile delivery practices—primarily within telecom environments. Proficient in designing scalable Selenium/TestNG frameworks, API automation with REST Assured, and CI/CD integration using Jenkins and Git. Engineered scalable Selenium/TestNG frameworks for telecom applications; slashed regression testing cycle time by 60%, enabling faster release cycles and reduced time-to-market by approximately 3 weeks. Proven ability to deliver high-quality software in Agile environments while mentoring global QA teams and ensuring zero-defect deployments.

Skills

Testing Expertise:	Manual & Automated Testing, Smoke, Regression, System, Integration, UAT, Production Validation testing (PVT)
UI Automation Tools:	Selenium WebDriver, Selenium IDE, Selenium Grid, Selenium RC, TestNG, JUnit, Cucumber (BDD), Apache POI
API Automation Tools:	Postman, REST Assured, SoapUI, Swagger, JSON/XML Schema Validation, HTTP Methods, Request Chaining
Automation Frameworks:	Keyword Driven, Data Driven, Hybrid, Page Object Model (POM)
CI/CD & DevOps:	Jenkins, Git/GitHub, Maven, GitHub Actions, CI pipeline setup, Docker (basic knowledge)
QC & Defect Management Tools:	HP QC/HP ALM, JIRA, Rally, Zephyr, Defect lifecycle, Test case management, Traceability matrix
Programming & Scripting:	JAVA, SQL, C++, HTML, Shell Scripting - Unix
Databases:	MySQL, Oracle, SQL Server, MongoDB
Reporting & Logging:	ExtentReports, Allure Reports, Log4j, HTML test reports with screenshots
Agile/Process:	Agile (Scrum, Kanban, SAFe) methodology, Sprint planning, Story grooming, Daily stand-ups, Test strategy, Shift-left testing, Risk-based testing, SDLC
Leadership & Collaboration:	Test strategy & planning, Team mentoring, Cross-functional communication, Defect triaging, QA process improvements
Domain Experience:	Telecomm, CRM

Experience

QA Test Lead

Tech Mahindra Americas Inc (Client : AT&T)

📅 04/2017 - 02/2021 📍 Bloomington, IL

- Directed global QA operations for a customer identity management platform, managing a 10+ member team across Agile release cycles and complex enterprise environments.
- Architected a modular Selenium-TestNG automation framework that supported 5,800+ test cases, reduced QA costs by 47%, and improved regression efficiency by 85%.
- Ensured high-quality delivery by leading UAT and system integration testing, achieving 100% defect-free releases for a 90K+ user platform while enabling seamless cross-functional collaboration.

Senior Software Test Engineer

Tech Mahindra Americas Inc (Client : AT&T)

📅 04/2015 - 03/2017 📍 Bloomington, IL

- Spearheaded API validation and data integrity testing for AT&T's Member Profile System, ensuring robust backend quality across distributed systems.
- Developed a REST Assured-TestNG API automation framework, reducing data-related defects by 83% and automating 1,000+ regression cases to cut manual effort by 65%.
- Implemented data-driven testing, unit-level automation, and prioritized test coverage, improving execution efficiency by 20% and sprint velocity by 12%.

Senior Software Tester

Tech Mahindra Ltd (Client : Verizon)

📅 11/2013 - 03/2015 📍 Pune, India

- Conducted comprehensive functional and UI testing of Verizon's CQ5 CMS-based intranet application on the WebSphere7 platform, ensuring consistent performance and reliability for over 80K internal users.
- Identified and remediated 30+ UX issues by collaborating with front-end developers and accessibility teams, improving cross-browser compatibility by 40%.
- Executed mobile emulator and device-level testing across 10+ environments, ensuring 100% WCAG compliance and enhancing mobile responsiveness metrics by 25%.

Junior Software Tester

Tech Mahindra Ltd (Client : AT&T)

📅 05/2011 - 10/2013 📍 Pune, India

- Validated backend workflows by designing and executing test cases for SOAP and REST APIs that supported AT&T's customer service infrastructure, enhancing data integrity across 12+ integrated systems.

- Automated legacy regression coverage using QTP and TestNG, leading to a 45% drop in recurring production defects and improved release confidence.

Key Achievements

Enhanced Automation Coverage

Reduced test execution time by 15% through optimized regression planning and parallel test automation.

Improved Defect Management

Achieved an 83% drop in data-related defects by designing and implementing a reusable REST API automation framework using REST Assured and TestNG.

Optimized CI/CD Pipelines

Integrated automation pipelines with Jenkins, reducing deployment validation time by 50% and increasing delivery cadence.

Engineered High-Impact API Framework

Designed and implemented a modular Selenium/TestNG framework, enabling 5,800+ automated test executions and reducing QA costs by 47%.

Team Leadership & Mentorship

Mentored junior QA engineers and led a global QA team, resulting in improved collaboration and a 15% rise in testing accuracy.

Projects

Reqres API Automation Framework (CI/CD Ready) - [GitHub](#)

Implemented a REST Assured–TestNG-based API automation suite with Jenkins CI/CD pipelines, featuring HTTP status validation, JSON schema assertions, header inspections, and ExtentReports integration with fail-safe execution and custom log hooks.

E-commerce UI Automation Framework (CI/CD Ready) - [GitHub](#)

Engineered a hybrid Selenium-TestNG automation framework using Page Object Model (POM) and data-driven testing via Excel/Apache POI; integrated with Jenkins for scheduled CI builds and ExtentReports for dynamic HTML-based test reporting across Chrome and Firefox.

Education

Master Of Science in Computer Science | Montclair State University | GPA: 3.91/4.0

📅 08/2023 - 05/2025 📍 Montclair, NJ

Bachelor of Engineering in Computer Science | Yeshwantrao Chavan College of Engineering | GPA: 8.9/10.0

📅 07/2007 - 03/2011 📍 Maharashtra, India

Training / Courses

- Advanced Selenium WebDriver and Test Automation – Coursera
- Cypress UI automation testing for absolute beginners – Coursera
- Cucumber BDD Made Easy + Automation Framework Design - Packt
- Complete SQL Bootcamp – Udemy