

## Mohammed JafferAli

Senior Quality Assurance Engineer

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### Professional Summary

Experienced Senior QA Engineer with ISTQB certification and 7+ years of expertise in test automation and quality assurance. Proficient in designing scalable automation frameworks aligned with system architecture principles. Skilled in secure coding practices, reusable libraries, and custom utilities development. Specialized in Selenium, Playwright, API testing, and AI-assisted automation. Strong expertise in Agile methodologies, CI/CD integration, and cross-functional collaboration. Seeking to leverage advanced automation and coding skills to deliver secure, high-quality solutions.

### Technical Skills

- Automation Frameworks: Selenium WebDriver, Playwright, TestNG, Cucumber (BDD)
- Programming Languages: Java, JavaScript, SQL
- API Testing: Postman, Newman, Charles Proxy
- Mobile Testing: PerfectO, Headspin, Android emulator, iOS simulator
- CI/CD Tools: Jenkins, GitHub Actions, Maven
- Test Management: Jira (Xray, Zephyr), HP-ALM, Confluence
- Reporting Tools: Allure Reports, Extent Reports, TestNG reports
- Accessibility Testing: NVDA, Voiceover, Talkback
- AI-Assisted Development: Amazon Q Developer, GitHub Copilot, AI-Enhanced Test Automation
- Development Environments: Eclipse, IntelliJ IDEA, VS Code, Android Studio
- Version Control: Git, GitHub, GitLab
- Operating Systems: Windows, macOS

### Professional Experience

#### TechMahindra Limited

##### British Telecommunication Group (Client)

October 2022 – Present

Senior QA Engineer

Coimbatore

- Designed and implemented scalable automation frameworks aligned with system architecture principles, ensuring maintainability and performance.
- Developed reusable libraries and custom utilities for automation, improving test efficiency by 30%.
- Produced architecture artifacts for automation solutions, integrating design constraints and best practices.
- Crafted comprehensive test cases through meticulous analysis of functional and business requirements, optimizing test planning efficiency by 15%.
- Maintained 100% on-time project delivery record through exceptional time management.
- Implemented cross-browser automation testing using Selenium and Playwright frameworks with Page Object Model design pattern.
- Established CI/CD pipeline integration for automated test execution using Jenkins and GitHub Actions.
- Leveraged AI development tools (Amazon Q Developer) to accelerate test script creation and optimize automation framework development.
- Mentored junior testers on automation best practices, resulting in 40% improvement in team productivity and test coverage.
- Executed mobile application testing across simulators, emulators, and real devices using Perfecto cloud platform.
- Performed API testing and validation using Postman collections and Charles Proxy for network traffic analysis.

**Rogers Telecommunication Inc (Client)****Sep 2018 – Sep2022**

Quality assurance Engineer

Chennai

- Architected and implemented robust test automation framework using Selenium WebDriver and TestNG, achieving 30% test case automation and 50% reduction in regression testing time.
- Executed comprehensive testing strategies including functional, regression, integration, and E2E testing scenarios.
- Collaborated closely with cross-functional Agile teams to plan, prioritize, and deliver high-quality software solutions within sprint cycles.
- Adhered to meticulous documentation practices and diligently tracked over 300 defects, leading to an exceptional resolution rate.
- Demonstrated adeptness in crafting and executing a diverse array of test cases, resulting in an expansive test coverage rate of 95%.
- Led User Acceptance Testing (UAT) and Production Validation Testing (PVT) phases, ensuring seamless production deployments.
- Established automated reporting mechanisms using Extent Reports for enhanced test visibility and stakeholder communication.

**Education**

BE in Electronics and Communication

7.958 CGPA

Nandha Engineering college -Erode

2017

**Certifications**

- ISTQB Certified Tester Foundation Level
- API Testing using postman tool – Udemy.
- Playwright Automation – Udemy.
- GitHub Actions – Udemy

**Accomplishment**

- Received the AQT Ninja award for demonstrating technology proficiency and commitment to Techmahindra's automation vision and strategy.
- Awarded multiple "Pat on the Back" and "Bravo" awards for continuous and outstanding performance on project deliverables during peak workload.

**Key Skills**

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| • Test Automation Framework Development (Selenium, Playwright) | • Cross-browser & Cross-platform Testing       |
| • Data-driven & Keyword-driven Testing                         | • AI-Powered Development & Testing             |
| • Page Object Model & Design Patterns                          | • Agile/Scrum Methodologies                    |
| • Parallel Test Execution                                      | • API Testing & Web Services Automation (REST) |
| • Test Reporting & Analytics (Allure, Extent Reports)          | • Defect Lifecycle Management                  |