



# Muhammad Usman

SDET | Senior SQA Automation Engineer | ISTQB® Certified

**ISTQB® Certified** QA Professional with 10+ years delivering quality excellence across enterprise applications. Expert in Test Automation, Manual Testing, API Testing, Microservices Architecture, CI/CD Integration, and Performance Testing for Web, Mobile, SaaS, and Salesforce platforms. Proven results: 65% defect reduction, 95% test coverage, and 50% faster testing cycles. Strong experience in Agile/Scrum methodologies across healthcare, fintech, logistics, and e-commerce industries.

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## TESTING EXPERTISE

- Manual Testing
- Automation Testing
- API Testing
- Performance Testing
- Security Testing
- Mobile Testing
- Black Box Testing
- White Box Testing
- Grey Box Testing
- Functional Testing
- Regression Testing
- Smoke Testing
- Load Testing
- Database Testing
- UAT Testing
- CI/CD
- Test Reviews
- Test Planning
- Test Cases Management
- Root Cause Analysis
- Automation Architect
- Ecommerce Testing
- Medical Products Testing
- SaaS Platforms Testing
- Trading Platforms Testing

## TECHNICAL SKILLS

### Programming Languages

Java, JavaScript, TypeScript, Python, Ruby on Rails, PHP, and Gherkin.

### API Testing

Postman, Rest Assured, Request Library, PactumJS, and Insomnia.

### QA Management Tools

Zephyr Enterprise, Zephyr Inside Jira, TestRail, Cucumber Studio, Jira, and QA Symphony.

### Testing Platforms

Web, Mobile, Desktop, Tablets, and iPads.

### AWS Services

S3, AWS Lambda, CloudWatch, Athena, and Boto3.

### Test Automation

Cypress, Playwright, Selenium Webdriver, Appium, Rspec, Capybara, Robot Framework, TestNG, Katalon Studio, Pytest, and Codeception.

### CI/CD Tools

Jenkins, CircleCI, GitHub Actions, AWS Code Pipeline, Microsoft Azure.

### Developer Tools

Git, VS Code, Docker, BrowserStack, Trello, ClickUp, and Jira.

### Load Testing Tools

Jmeter, K6, Artillery, and Loadster.

### Databases

MySQL, PostgreSQL, and MongoDB.

## CERTIFICATES

### ISTQB Certified Tester - Foundation Level

ISTQB

License No: 24-CTFL4-1425-PK

Present

### SQA Automation Lead

DP World

Aug 2022 - Present | Remote | Sargodha, Pakistan

#### Accomplishments / Tasks

- **Defined** and executed QA testing strategies, coordinating with cross-functional teams to deliver high-quality logistics solutions.
- **Architect** and implement an end-to-end automation framework for web and mobile applications, reducing manual testing effort by 60%.
- **Develop** and maintain CI/CD pipelines using Jenkins and Azure DevOps, optimizing deployment workflows and reducing manual intervention by 50%.
- **Achieve** 80% automation test coverage for frontend and backend systems through the implementation of Cypress, Playwright, and Selenium frameworks.
- **Automate** email notification testing using MailSlurp integration, including content verification and template validation, reducing manual effort by 70%.
- **Lead** quality assurance initiatives across multiple product teams, establishing automated testing best practices that reduced production defects by 40%.

### Senior SQA Automation Engineer

Afiniti

Oct 2020 - Jul 2022 | Remote | Sargodha, Pakistan

#### Accomplishments / Tasks

- **Optimized** testing processes for the Call Center Switch system, handling 100K+ daily agent calls, reducing test execution time by 50%.
- **Designed** and implemented regression test suites with CI/CD integration using Jenkins, reducing release cycle time by 40%.
- **Developed** a web automation framework using Cypress, achieving 92% test coverage and ensuring high-quality product deliverables.
- **Automated** deployment workflows using Docker and shell scripts, reducing deployment time from 2 hours to 15 minutes.
- **Implemented** API testing framework with Postman, validating 200+ endpoints and reducing manual testing effort by 75%.
- **Collaborated** with cross-functional teams to establish comprehensive test plans, improving defect detection rate by 35%.

### Senior SQA Automation Engineer

Northbay Solutions

Nov 2019 - Nov 2020 | Onsite | Lahore, Pakistan

#### Accomplishments / Tasks

- **Led** Data Lake testing across AWS S3 buckets, validating data extraction, transformation, and loading processes.
- **Conducted** automation testing using AWS services (Athena, Glue, S3, Lambda) for scalable cloud infrastructure validation.
- **Developed** Python automation framework for API testing, validating 150+ endpoints and improving efficiency by 65%.
- **Built** automation frameworks for frontend and backend systems, achieving 95% test coverage.
- **Automated** data validation workflows using Python and Boto3, reducing manual testing effort by 70%.

## WORK EXPERIENCE

### Senior SQA Automation Engineer

Devsinc

Sep 2017 - Oct 2019 | Onsite | Lahore, Pakistan

#### Accomplishments / Tasks

- **Led** testing for HR platform, streamlining onboarding, offboarding, and task allocation processes, reducing manual workflow time by 45%.
- **Collaborated** with clients to gather requirements and implement testing strategies, ensuring seamless feature delivery and improving client satisfaction by 30%.
- **Achieved** 95% automation test coverage for the application, ensuring high-quality deliverables and robust performance across all modules.
- **Configured** CI/CD pipelines to execute automated test cases on developer builds, identifying defects 60% earlier in the development cycle.
- **Led** a team of 6 remote QA engineers across multiple regions, providing mentorship and ensuring the timely delivery of testing objectives.

### SQA Automation Engineer

Automatiq

Aug 2016 - Aug 2017 | Onsite | Lahore, Pakistan

#### Accomplishments / Tasks

- **Developed** and tested dynamic ticket pricing technology for the platform, ensuring accurate pricing algorithms and improving booking efficiency by 35%.
- **Conducted** end-to-end web automation and manual testing, identifying and resolving 200+ critical issues to enhance system reliability.
- **Designed** automation framework using Codeception and Selenium WebDriver, creating robust test scripts that reduced regression testing time by 50%.
- **Configured** Jenkins pipelines to automate test execution against developer builds, streamlining the testing process and enabling continuous integration.

## EDUCATION

### Bachelors in Computer Science

University of Sargodha

Aug 2012 - Jun 2016 | Sargodha, Pakistan

## LANGUAGES

#### English

*Full Professional Proficiency*

#### Arabic

*Limited Working Proficiency*

#### Urdu

*Native or Bilingual Proficiency*

## REFERENCES

### Adeel Asghar

Senior Java Developer | DP World

*Team Member*

#### Contact

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### Farhan Pervaiz

QA Manager | Afiniti

*Project Manager*

#### Contact

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