Zeeshan Mustafa

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Emerging QA Engineer with 6+ months of focused experience in manual testing and automation. Demonstrated expertise in creating test plans, executing comprehensive testing, and implementing automation frameworks. Strong foundation in debugging, API testing, and Agile methodologies with proven ability to quickly adapt and contribute to QA processes while driving continuous improvement.

Education

FAST NUCES, BS in Software Engineering - GPA: 2.97/4.0   *Sep 2021 – June 2025*
Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Software Design Specifications, Software Testing, SRS

Work Experience

SQA Automation Engineer, Vidizmo AI. – Associate   *July 2025 – Present*
- Designing and automating E2E test cases using Playwright with TypeScript, while actively contributing to user story refinement and acceptance criteria
- Investing pipeline test failures with Trace Viewer, maintaining an **89% pass rate**
- Fixing flaky tests or reporting real application bugs to ensure product quality

QA Engineer, QBS CO. – Trainee   *Dec 2024 – June 2025*
- Promoted from QA Intern, demonstrating strong ownership of QA artifacts and process improvements
- Implemented Performance, Regression, and Smoke testing for **PSO (Pakistan State Oil) BLUE LPG** project, developing API automation framework using Java and Cucumber that reduced test execution time by 30%
- Conducted Postman API testing and JMeter performance analysis with advanced debugging techniques in cross-functional Agile teams following SCRUM methodologies.
- Created detailed test plans and maintained comprehensive documentation across multiple platforms and browsers

Automation Test Engineer, The ModVentures – Intern   *Nov 2024 – Jan 2025*
- Engineered end-to-end regression and functional testing for **Toucher Mobile App** using Jest, Java, Maven, and Appium with Page Object Model, reducing manual effort by 75%
- Integrated Allure reporting for detailed test execution insights and managed test documentation in ClickUp with JIRA integration
- Demonstrated strong debugging skills while identifying and documenting software defects throughout SDLC using boundary value analysis and equivalence class partitioning

Projects

Blood Safe Life - Final Year Project   *FYP-24*
- Collaborated with blood banks developing real-time Blood Donation Management System applying Agile Testing Life Cycles and SCRUM practices
- Led User Acceptance Testing and performed cross-browser testing ensuring HIPAA and ISO compliance through rigorous testing and documentation

E-Commerce: Selenium Test Automation Framework   *AUTOMATION E-COM*
- Automated comprehensive end-to-end testing using Selenium WebDriver with C# and NUnit, built data-driven framework following Object-Oriented Programming principles
- Integrated automated tests into Jenkins CI pipeline and configured Allure Reporting for real-time insights and defect tracking

JUnit 5 Testing Framework for Library Management System
- Developed comprehensive unit and integration tests using JUnit 5 framework, achieved 85% test coverage through systematic positive and negative test case design
- Applied Data Structures and Algorithms knowledge for optimized test execution integrated with Maven for continuous execution

Technical Skills

Programming Languages: Java, JavaScript, C# (Strong OOP and Data Structures knowledge)
Testing Tools: Playwright, Selenium WebDriver, Appium, JMeter, Postman, Cucumber BDD, JUnit 5, Jest
Tools & Platforms: JIRA, Azure, ClickUp, Git, Jenkins CI/CD, Allure Reporting
Methodologies: Agile Testing Life Cycles, SCRUM, Manual Testing, Test Automation, API Testing
Testing Expertise: End-to-End Testing, Boundary Value Analysis, REST API Testing, Cross-browser Testing, Performance Testing, Regression Testing, Smoke Testing, Advanced Debugging, Code Reviews, Software Design Specifications
Methodologies: Agile Testing Life Cycles, SCRUM, Manual Testing, Test Automation, API Testing

Certifications

Software Testing Fundamentals - Alison (2024)
Introduction to Performance Testing with JMeter - BlazeMeter University (2024)
API Testing with Postman - Postman Academy (2023)