

UMAR HASSAN



SOFTWARE QUALITY ASSURANCE ENGINEER

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SUMMARY

A detail-oriented **ISTQB® Certified** Software QA Engineer having **2 +** years of hands-on experience in Manual and Automation testing of Websites, CRMs and Mobile Applications. Skilled in designing and executing test plans, test cases(manual and automated), defect tracking, bug reporting, and working closely with development teams for high efficiency in Agile environments. Proficient with tools including Playwright, Selenium, Cypress, Postman, JMeter, Trello and Confluence with a strong understanding of SDLC, STLC, CI/CD pipelines, database validation & QA best practices.

PROFESSIONAL EXPERIENCE

Software Quality Assurance Engineer **May 2024 - Present**
Aqary International Group | Abu Dhabi, UAE

- Hands-on Proficiency in Manual and Automation Testing of CRMs, Websites, & Mobile apps using **Playwright(js), Selenium(Java), Cypress(js),** & AI tools **BrowserStack, Cursor & Github Copilot.**
- Designed and executed Smoke, Functional, System, Regression, Non-functional, API, & Performance test scenarios, reducing post-release defects and improving release confidence by 30-35%.
- Built and maintained **Playwright** and **Selenium** automation frameworks using **POM**, reusable code, and stable locators, improving test reliability, automation coverage and execution time by 50-75%.
- Performed **API testing** using **Postman** and **Swagger** to validate reponse behavior and data integrity.
- Developed Technical Documentations, including API guides, user manuals, & functional requirements.

Technical Writer (Software Engineering & QA) **July 2022 - Dec 2023**
IN Technologies | Islamabad, Pakistan

- Ensured technical accuracy by validating code examples and workflows.
- Collaborated with engineers to review technical implementations and documentation.
- Authored and reviewed programming-based technical articles on JavaScript, Java, Docker etc.

Software Quality Assurance Intern **July 2021 - Oct 2021**
Huawei Technologies | Islamabad, Pakistan

- Gained hands-on experience in Selenium automation.
- Performed code review and improved the quality of Python integrated Excel files via detecting and fixing the defects.

EDUCATION

Bachelor of Science in Computer Engineering **2018 - 2022**
Comsats University Islamabad, Pakistan

- Major in Software and Programming.
- FYP in "**Automated Waitering Robot**".


SKILLS

- **Automation Testing:** Playwright, Selenium, Cucumber, Cypress, Appium, TestNG.
- **Manual Testing:** Functional and Regression Testing, Exploratory Testing, API Testing, UI Testing, Smoke and Sanity Testing, Performance Testing.
- **Test Management & Project Tracking Tools:** TestRail, Jira, Trello.
- **AI Tools:** BrowserStack, GitHub Copilot, Cursor, Manus, ChatGPT, Claude, Google Gemini.
- **Technical Documentation:** User guides, User Manual, Articles, API, Release Notes, User Story, Functional and Business Requirement.
- **Tools / IDE:** Visual Studio Code, Eclipse, IntelliJ, Postman, Mockoon, Browser Stack, Android Studio, Appium Inspector, Confluence, Figma, Scribe, JMeter, Lighthouse.
- **Development:** React, JavaScript, HTML5, CSS, Bootstrap, Tailwind.
- **Version Control System:** Git, GitHub.
- **Databases:** MySQL, MongoDB.
- **Programming Languages:** Java, JavaScript, Python, C++.

➔ **Soft Skills:** Attention to Detail, Analytical and Critical Thinking, Problem Solving, Strong understanding of testing tools, frameworks & best practices, Collaboration with Developers, Effective Communication Skills, Requirement Gathering, Research & Analysis, Simplified Technical Content.

PORTFOLIO

Software QA Testing: [GitHub Link](#) 

Technical Writing: [Redirect Link](#) 

CERTIFICATIONS

ISTQB Certified Tester Foundation Level (CTFL) V4.0

International Software Testing
Qualifications Board

End to End JavaScript Testing with Cypress.io

Linkedin Learning

Introduction to Prompt Engineering

Simplilearn

Software Testing Foundations: Continuous Testing and DevOps

Linkedin Learning

JMeter: Performance and Load Testing

Linkedin Learning

Web Development

ICEPT IQRA University, Islamabad