

Bushra Shahzadi

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📍 **Home:** Wolverhampton (Pakistan)

ABOUT ME

Results-driven Senior Software Quality Assurance Engineer and Team Lead with strong experience in manual and functional testing, test planning, bug tracking, and cross-team coordination. Skilled in ensuring software reliability, improving product quality, and managing testing cycles for complex systems. Background in cybersecurity and IoT security projects with a strong focus on risk mitigation and performance validation

WORK EXPERIENCE

🏢 **Innovation Insight, Sialkot** – Sialkot, Pakistan

Sr.SQA Team Lead & Project manager

[02/07/2022 – Current]

- Led the design, development, and integration of automated test scripts into CI/CD pipelines, ensuring continuous delivery of stable, high-quality software releases.
- Directed and coordinated QA activities across multiple projects, including web and mobile platforms, ensuring timely defect detection, tracking, and resolution.
- Conducted performance testing, analyzed results, and delivered detailed reports to stakeholders to validate system scalability, stability, and reliability.
- Acted as the primary liaison between stakeholders, development teams, and management, providing progress updates, risk assessments, and delivery timelines.
- Oversaw test planning, execution strategies, resource allocation, and quality metrics to maintain standards across all project phases.

Technologies & Tools: Selenium, QTP, Jenkins, GitLab CI, Apache JMeter, LoadRunner, Bugzilla, Jira, Test Rail

Project Management Tools: Trello, Microsoft Project, Confluence, Clickup, Jira

🏢 **VFAIRS, ARFA KAREEM, Lahore** – Lahore, Pakistan

Sr. Software Quality Assurance Engineer (Part Time)

[01/09/2021 – 15/02/2024]

vFairs.com is a leading virtual event platform delivering immersive online experiences for trade shows, conferences, and job fairs with customizable templates and interactive features.

Key Responsibilities

- Conducted API testing using **Postman** and performance testing with **JMeter** to validate system performance, load handling, and security.
- Managed test cases and defect tracking through **Jira, Test Rail, and X-ray**, ensuring timely issue resolution with cross-functional teams.
- Participated in Agile Scrum cycles, coordinated testing tasks, and aligned testing priorities with release goals.
- Prepared test plans, strategies, and reports to improve testing processes.
- Developed automated test scripts for web and mobile applications using **Selenium, Appium, and TestNG** for functional and regression testing.

Technologies & Tools

API Testing: Postman, Rest APIs

Performance Testing: JMeter, LoadRunner

Test Management: Jira, Test Rail, X-ray, Confluence

Version Control & CI/CD: GitLab CI, Jenkins, Git

Automation Testing: Selenium, Appium, TestNG, Jenkins

Others: Cross-Browser Testing, Functional Testing, Regression Testing, UAT, Security Testing, Load Testing, Agile Methodology

Projects

- **vFairs Virtual Event Platform:** Led automation testing for web and mobile systems, covering e-commerce features, virtual booths, and user interactions.
- **vFairs Mobile App:** Automated testing for lead capture, badge printing, and attendee engagement across multiple devices

🏢 **KICS (SQIT & IRIL) U.E.T, Lahore Pakistan** – Lahore, Pakistan

SQA ENGINEER & WEB DEVELOPER

[01/04/2019 – 01/06/2021]

KICS (IRIL) U.E.T, Lahore, Pakistan, is the Knowledge and Impact Center at the University of Engineering and Technology. It focuses on research, innovation, and commercialization to drive technological advancements in Pakistan through academia-industry collaboration.

Responsibilities:

- Designed and implemented **automated testing frameworks** for both **client and server-side** applications.
- Led testing for **IoT-based products**, including **ThingzEye** and **ThingzAnalyzer**, by ensuring integration, security, and performance testing aligned with product requirements.
- Conducted performance tests, including load and stress testing, to identify system bottlenecks and improve scalability.

Technologies & Tools:

- Selenium, JMeter, MQTT, SQL Injection Testing, Cross-Browser Testing, IoT Tools, Jira
- Web Development: HTML5, CSS3, JavaScript, WordPress

Key Projects:

- **Smart Home Automation:** Designed an IoT-based smart home system, automating functions for enhanced residential comfort.
- **ThingzAnalyzer & IoT ThingzFirewall:** Developed IoT security solutions, ensuring robust protection for connected devices.
- **Managing website development projects**, ensuring compatibility across browsers and platforms, and integrating customized themes into WordPress and PHP-Fusion.

Websites:

- <https://fixmydevice.com/>
- <https://loanway.com/>
- <http://spitballed.leadconcept.us/>
- <https://ignitedigital.com/>
- <https://topsyntax.com/>
- <http://abcdecocore.ae/>
- <https://thingzeye.com/>

 **SOLUTION HUT, Lahore Pakistan – Lahore, Pakistan**

Search engine optimization expert

[03/11/2015 – 04/08/2018]

Solution Hut is a technology company that provides innovative software solutions for businesses

Responsibilities:

- Conducted comprehensive **manual and automated testing** for various client websites and applications, focusing on SEO optimization and load times.
- Utilized **Google Analytics**, **SEMrush**, and other SEO tools to improve site visibility, while ensuring seamless user experience through cross-browser and functional testing.

Technologies & Tools:

- Google Keyword Planner, SEMrush, Moz, Google Analytics, SEO optimization
- **Testing Tools:** Selenium, JMeter, Cross-Browser Testing

Projects:

- <https://piqc.edu.pk/> Organic Keyword Research Reports, SEMrush keywords reports
- <https://froggyranker.com/> Organic Keyword research, web 2.0, and comment posting according to their instruction
- <http://www.boraq.com/> On-page and off-page SEO were performed on it. The Boraq app was a comprehensive transportation solution for companies and consumers alike. The app allows drivers to cultivate their own businesses by developing a client base through BORAQ.

EDUCATION AND TRAINING

Master's in information technology

Virtual University Lahore Pakistan. [03/06/2013 – 03/08/2015]

City: Lahore | Country: Pakistan

B.ed

Allama Iqbal Open University, [11/08/2011 – 04/08/2013]

City: Lahore | Country: Pakistan

B.sc

Govt Islamia College Cantt [01/08/2009 – 06/06/2011]

City: Lahore | Country: Pakistan

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Languages / Testing Skills:

Selenium Java and TestNG / Network / Mobile / API / Web Application Security Testing / Web Automation with Selenium & Other frameworks / Appium – Mobile Automation / WEB DESIGN: HTML, SCSS, CSS, JAVASCRIPT, JQUERY, BOOTSTRAP, MATERIAL UI / Selenium WebDriver, Selenium IDE / SDLC in Agile methodologies / Organizational and planning skills / Web and newsletter CSM including Wordpress, Joomla, Mailchimp, Wix / Risk based testing / Test management: HP Quality Center, Test Rail / SQA Testing Methodologies

Extra Software:

Proficient with Adobe Lightroom / Adobe Photoshop, Illustrator, AI / Adobe (Photoshop, InDesign, Dreamweaver) / Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access

CERTIFICATIONS / SHORT COURSES

[16/12/2023 – Current]

Quality Champion

- Awarded for outstanding contributions and efforts towards the success of vFairs in 2023.
- Demonstrated exceptional dedication to quality and excellence within the organization.

[02/10/2017 – 31/03/2018]

Certificate of Training

- Completed a Web Design and Development training program at Al-Khwarizmi Institute of Computer Science, UET Lahore.
- Covered HTML5, CSS3, JavaScript, PHP, MySQL, Software Engineering, DBMS and Project Management.

[12/06/2016 – Current]

Certificate of Completion

- Completed a Professional Graphic Designer training program at PNY Training.
- Focused on design principles, tools and creative techniques. Write here the description...

COMMUNICATION AND INTERPERSONAL SKILLS

Proactive | Quality Champion | Internet of Things (IoT) | Critical Thinking | Talent Selection | Team Building | MultiTasking | Employee Relations | Excellent Communication Skills | Leadership | Performance Management | Clickup Project Management