Fatima Fayyaz

Software Quality Assurance Engineer

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Profile

Quality-focused software tester, currently working as Software QA Engineer having bachelor in CS, working at Marham as Software Quality Assurance Engineer role on Pakistan's digital healthcare platform in website and mobile apps with proven ability to find and isolate various defects through comprehensive exploratory testing.

Education

Comsats University Lhr, MS-CS   09/2021 – present | Lahore, Pakistan
- CGPA: 3.54
- Relevant Work: Secure Authentication Scheme for IOT inspired Internet of Drones (IoD) Network.

Government College University Lhr, BS-CS   10/2017 – 07/2021 | Lahore, Pakistan
- CGPA: 3.01

Professional Experience

Software Quality Assurance Engineer - Marham.pk   11/2022 – present | Lahore, Pakistan
- Proficiency in testing solutions leading to dramatic increase in test traceability and overall product quality.
- Documented test defects and procedures to enable accurate replication and ensure compliance with standards, increasing the software testing turnaround time.
- Delivered accurate testing reports that determine product quality and release readiness.
- Recommended improvements for software which improvised user experience.
- Maintained code quality document, strengthening the company development methodologies.

Software Quality Assurance Engineer - Techify   08/2022 – 10/2022 | Lahore, Pakistan
- Executed test cases and scenarios, including plans for functional, usability and regression testing and managing critical releases efficiently.
- Possess comprehensive QA technical experties, problem solving skills and attention to details.
- Identified, researched and reported multiple software issues to Jira defect tracking system.
- Communicate with product, design, and executive teams and maintain reports and presentations to identify and resolve quality issues.
- Testing for IOS, Android, and Web Applications.

Skills

Selenium IDE | **Selenium WebDriver** | **Eclipse IDE - Java** | **Postman - API Automation testing**

Website-Mobile Application Testing | **Manual - Automation Testing** | **JIRA** | **Asana** | **TestRail**

Test Cases and Scenarios writing | **Bugzilla** | **Agile Methodology** | **Regression Testing** | **Notion**

Databases (MySQL, PostgresSQL) | **Languages** (C/C++,JAVA) | **Web Technologies** (HTML,CSS,JS)

Tools (Eclipse IDE, IntelliJ IDEA, Dev C++, Visual Studio, VS Code, Oracle, Figma)

Projects

Marham.pk - Digital Healthcare Platform
- Marham is the Digital Healthcare Solution to provide facilities for people of Pakistan.
- It is designed to address the Medical and Health issues posed to patients.

- It provides a digital network that functions as a marketplace where user can seek personal healthcare services, and Doctors who provide services via consultations online and onsite.

Roxa
- It is a web-based Point-of-Sale project, in which a customer execute payment for goods and services.
- Designed **Test Cases** and Plans for all functional requirements for each builds and release.
- Interacted with Product Owner for better User Experience, by providing suitable directions and recommendations.
- I've applied **Regression Testing** on weekly sprints basis by following proper **Agile framework.**

Silal
- A point of sale project, in which Test cases and Test Scenarios were marked down to make application more feasible to use. Designed in responsive manner to check behavior on different browsers.

- Regression Testing on weekly sprints basis by following proper Agile framework.

Final Year Project, University Recruitment System
- University recruitment system is a web based project which is designed for the people that include students or alumni students of our campus to provide them opportunities in their desired fields and domains.
- Technologies used: HTML,CSS,JS(Front-end) and python django with postgresSQL DB(backend).
- Designed Test Cases, Plans and scenarios for all functional requirements in my final year project to make sure application is working as per required specifications.
- Proper verification and validation techniques were followed throughout the period.

Event Planner System, Web Engineering
- This project is based on web based technology, in which I've created a login page, provide sign up page, payment facility and events to be choose.
- Front-end web technologies used.

Entry Test Management System, Databases-MySQL
- This project was based on databases where applicants applies in program and get challan form, set test scheduled at particular date and on specific time, with location, taken by invigilator, created using using mySQL.

CRMS, OOAD
- All diagrammatical representation of Campus Recruitment System-CRMS. I've modeled a complete system as a group of interacting objects by technical approach for analyzing and designing an application, system, using visual modeling throughout the software development process.

Shortest Path Finder, Artificial Intelligence
- Best first search uses the concept of a priority queue and heuristic search . It is a search algorithm that works on a specific rule. The aim is to reach the goal from the initial state via the shortest path.

Courses

Software Quality Assurance Engineering, Coursera | Skillshare

Postman - API Automation, Skillshare

Selenium Web Driver- Eclipse IDE(Java), Skill Share

BugZilla | Jira | Trello | Notion, YT Learning

Front End Development, Udemy