



USMAN SARWAR

SQA ENGINEER

PROFILE

Skilled SQA Engineer with 1.5 year + of proven experience in the Software Testing Life Cycle (STLC), defect tracking, and QA documentation. Proficient in manual testing practice with a strong understanding of Agile and Scrum methodologies. Hands-on experience with tools like Selenium, GitLab, Postman for effective test execution and reporting. Committed to delivering high-quality software solutions by identifying bugs early and ensuring optimal application performance.

WORK EXPERIENCE

Quality Assurance Engineer

Punjab Information Technology Board

2023 - PRESENT

- Manage and Responsible for test efficiency and quality processes
- Oversee manual , API, Performance tesring fo web and mobile applications
- Collaborate with development, product, and DevOps teams to drive quality improvements.
- Log, track, and manage bugs and issues using GitLab, ensuring timely resolution.
- Prepare and maintain detailed test cases, test plans, and QA documentation for all releases.

PROJECTS

Automated Fare Collection & Bus Scheduling System (AFC-BSS)

Worked on an Automated Fare Collection System designed as a hybrid solution integrating hardware and software components, including web and mobile applications. The system communicates through a network of interconnected devices installed on buses, such as MDVR, Driver Console, Fare Validators, PIS Screens, and POS terminals. The public mobile app is integrated with the Payzen payment gateway to allow users to top up their PSIDs and manage wallet balances. From a QA perspective, I was responsible for validating the entire ticketing workflow, ensuring accurate trip initiation by drivers and ticket generation by conductors via POS. Testing involved functional, integration, and end-to-end scenarios across all hardware-software interaction points.

Driver Licence Information Managment System (DLIMS-Punjab)

Worked on DLIMS Phase-II, a centralized web-based system developed to automate the issuance, renewal, and upgrade of driving licenses across Punjab. As a QA Engineer, I validated key modules including online application submission, real-time application tracking, and secure payments through the ePay system using PSID tokens. I performed functional, integration, and regression testing to ensure data accuracy and system reliability. End-to-end testing was carried out for form validations, UI consistency, and backend data flow.

CONTACT

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📍 Railway Station,Lahore,Pakistan

EDUCATION

2018-2022

SUPERIOR UNIVERSITY

- BS Software Engineering

SKILLS

- Project Management
- Teamwork
- Time Management
- Test Planning & Strategy
- Effective Communication
- Critical Thinking
- Manual Testing
- API Testing
- Load Testing
- Database Testing