



# Muqadas Rasheed

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## ABOUT ME

I am an aspiring Software Development Engineer in Test (SDET) with a solid foundation in manual and automated testing tools. With a keen attention to detail and a user-centric approach, I ensure that software not only meets functional requirements but also delivers a seamless user experience. I am experienced in creating and executing comprehensive test plans, writing automation scripts, and managing testing processes. My strong collaboration with developers and cross-functional teams helps drive quality improvements, while my management skills ensure efficient project delivery and testing workflows.

## WORK EXPERIENCE

### Associate SQA Engineer

**Sumato Solutions** [ 01/08/2024 – Current ]

**City:** Lahore | **Country:** Pakistan

As an Associate SQA Engineer, my responsibilities include:

- Conducting manual end-to-end testing to ensure seamless user experiences.
- Performing load and stress testing using JMeter to evaluate system performance under varying conditions.
- Executing API testing with Postman to verify data integrity and communication between systems.
- Utilizing Selenium and Playwright for automating test cases and improving efficiency.
- Using Azure Boards to track, report, and manage bugs throughout the testing lifecycle.
- Managing testing projects, tracking progress, and ensuring timely delivery.
- Conducting product demos for clients to showcase features and gather feedback.

### Junior SQA Engineer

**Programmers Hut (remote) , Lahore** [ 06/08/2023 – 31/07/2024 ]

**City:** Lahore | **Country:** Pakistan

As a Junior SQA Engineer, my experience spans across various domains, including:

- Prepared comprehensive test plan documents outlining the testing strategy and scope.
- Created effective test cases based on use cases and Software Requirement Specifications (SRS).
- Understood and implemented the Bug Life Cycle (STLC) for efficient bug reporting and resolution.
- Conducted a wide range of testing, including functionality, load, stress, performance, usability, black-box, API, and W3C validation standard testing.
- Executed test cases and performed responsive QA testing to guarantee the application's seamless adaptation across various devices and screen sizes. Ensured compatibility testing across different platforms.
- Leveraged Firefox developer tools to debug issues, analyze problems, and identify root causes within the application's UI and backend.
- Possesses proficiency in the Automation Testing Life Cycle and experience working with Selenium IDE and Selenium Webdriver to develop automated test scripts for improved efficiency.
- Utilized project management tools like Jira, Teams, Basecamp, and Trello to effectively manage ticket assignments and collaborate with the project manager and development team.

### SQA

**Zeqir Smalji** [ 10/08/2023 – 15/11/2023 ]

**City:** Tirana | **Country:** Albania

## SmartHome Control System - Funded Project

As a Junior SQA Engineer on the SmartHome Control System project, I leveraged my diverse skill set in manual testing, responsiveness, and element inspection to ensure the system's reliability and user-friendliness.

### Manual Testing:

- Conducted in-depth manual testing to uncover bugs and guarantee the Smart Home Control System functions as intended.
- Created and executed test cases derived from use cases and Software Requirement Specifications (SRS) documentation.

### Responsive Testing:

- Performed meticulous responsive QA to ensure the Smart Home Control System's interface adapts flawlessly across diverse devices with varying screen sizes.

### Element Inspection and Debugging:

- Leveraged Firefox developer tools for in-depth element inspection, debugging UI issues, and analyzing backend problems within the system.

### Bug Tracking and Management:

- Thoroughly documented and tracked all identified bugs throughout the entire Bug Life Cycle (STLC), ensuring efficient resolution.

### Performance Testing:

- Conducted both load and stress testing to assess the system's performance under heavy user traffic conditions.

### API Testing:

- Employed various API testing tools to verify the integrity and functionality of the system's API endpoints.

### Usability Testing:

- Ensured the system's user-friendliness by conducting usability tests and gathering valuable feedback from actual end-users.

### Cross-Browser Compatibility:

- Performed meticulous cross-browser testing to confirm seamless compatibility of the system with different web browsers.

### Automated Testing Support:

- Assisted in the creation and development of automated test scripts using Selenium IDE and Selenium Webdriver.

### Project Management and Collaboration:

- Managed and assigned tickets using project management tools like Jira, Teams, Basecamp, and Trello, facilitating smooth collaboration with the project manager and development team.

## SQA Engineer

**DevCause** [ 01/01/2023 – 15/02/2024 ]

City: Lahore | Country: Pakistan

As a Junior SQA Engineer at DevCause, I utilized my comprehensive skill set in manual testing, responsiveness, and element inspection to ensure the robustness and user-friendliness of the SmartHome Control System project.

### Functional Testing:

- Performed thorough manual testing to identify bugs and ensure the Smart Home Control System's functionalities operate as intended.
- Developed and executed comprehensive test cases derived from use cases and Software Requirement Specifications (SRS) documentation.

### Responsive Design Testing:

- Conducted rigorous responsive QA to guarantee the Smart Home Control System's interface adapts flawlessly across a variety of devices with different screen sizes.

### UI/UX Analysis and Debugging:

- Leveraged Firefox developer tools to inspect elements, debug UI issues, and analyze backend problems within the system.

### Bug Reporting and Management:

- Documented and managed all identified bugs meticulously throughout the entire Bug Life Cycle (STLC), ensuring their prompt resolution.

### **Performance Testing:**

- Executed both load and stress testing to evaluate the system's performance under heavy user loads.

### **API Testing and Validation:**

- Employed various API testing tools to validate the integrity, functionality, and performance of the system's API endpoints.

### **Usability Optimization:**

- Conducted usability tests to guarantee the system's user-friendliness. Gathered valuable feedback from end-users to drive continuous improvement.

### **Cross-Browser Compatibility Testing:**

- Performed meticulous cross-browser testing to confirm seamless compatibility of the system with different web browsers.

### **Automated Testing Support:**

- Assisted in developing automated test scripts using Selenium IDE and Selenium Webdriver.

### **Project Management and Collaboration:**

- Coordinated and managed ticket assignments effectively using project management tools like Jira, Teams, Basecamp, and Trello. Collaborated closely with the project manager and development team.

### **Content Management:**

- Integrated content seamlessly into the system, ensuring consistency and accuracy across all platforms.

### **Website Quality Assurance:**

- Performed comprehensive website testing to identify and resolve issues related to functionality, performance, and user experience.

### **CMS Optimization:**

- Improved the CMS system by testing and implementing enhancements for a more efficient content management experience.

### **WordPress Expertise:**

- Utilized WordPress technical knowledge for thorough testing of blocks and Advanced Custom Fields (ACF) functionalities.

### **Data Management:**

- Managed import and export tasks with precision to maintain data integrity and optimal system performance.

### **macOS Proficiency:**

- Leveraged macOS for all testing and development activities, ensuring compatibility and efficiency across platforms.

## **Artificial Intelligence Engineer**

**Internship at Thingtrax [ 01/06/2022 – 30/09/2022 ]**

**City:** Lahore | **Country:** Pakistan

I understand the programming language Python and various frameworks. I am proficient in Ubuntu Linux, IoT devices, and computer networking. As an AI Engineer, I possess the following skills:

### **Machine Learning Expertise:**

- Develop and implement effective machine learning models to solve complex problems.

### **Deep Learning Proficiency:**

- Possess expertise in neural networks and deep learning frameworks like TensorFlow and PyTorch.

### **Data Science Skills:**

- Analyze and interpret complex datasets to extract valuable insights.

### **Natural Language Processing (NLP):**

- Implement NLP techniques for tasks like text analysis, sentiment analysis, and machine translation.

### **Computer Vision Capabilities:**

- Develop computer vision applications for image and video processing tasks such as object detection, image classification, and video analysis.

### **AI Model Deployment:**

- Deploy AI models in production environments to ensure real-world impact.

### **Technical Skills and Experience:**

- Experienced in using Git for version control and setting up high availability setups for customer servers.

## EDUCATION AND TRAINING

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### Bachelor's in Computer Science

**Qarshi University** [ 14/09/2019 – 07/07/2023 ]

City: Lahore | Country: Pakistan | Website: <https://www.qu.edu.pk/> | Field(s) of study: Computer Science | Final grade: 3.9/4.0

**Supervisor Name:** Dr.Aamir Majeed

### List of Semester Projects:

1. Final Year Project (FYP) - Digital Campus (Python and Django Framework) - Implemented a comprehensive digital campus solution using Python and the Django framework and enhanced university processes with features like centralized information access and communication tools for effective campus management.
2. Travel Agency Website Project: Developed a dynamic travel agency website incorporating HTML, CSS, and JavaScript for an engaging frontend, and PHP and MySQL for efficient backend functionality. We implemented user-friendly interfaces for browsing and booking travel services, showcasing destinations, and facilitating secure online bookings.
3. Bus Ticket Booking App (Java, XML): Created a Java-based mobile application for bus ticket bookings, leveraging XML for data representation and interaction. Designed an intuitive interface allowing users to browse bus routes, select seats, and securely complete bookings, enhancing the user experience in Android app development

## LANGUAGE SKILLS

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**Mother tongue(s):** Urdu

**Other language(s):**

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

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

## DIGITAL SKILLS

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### Programming Languages

Python / Java / C/C++ / Object-Oriented Programming / MySQL

### OS/Softwares

Linux / Github / Git / Windows, Ubuntu, iOS

### Automation Tools

Postman API / Playwright / REST SOAP APIs Using Jmeter / API and API Testing

### Manual Testing

End to End Testing / Cross Platform Cross Browser Testing / Regression Testing / Mobile App Testing / Responsiveness Testing / UI/UX Testing

## RECOMMENDATIONS

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**Name: Dr. Aamir Majeed Chaudhary** | Assistant Professor

**Relationship:** I have known Dr. Aamir for four years. He was my two-course instructor and my FYP supervisor.

Email: [aamir.majeed@qu.edu.pk](mailto:aamir.majeed@qu.edu.pk)

**Name: Mr. Shavez Mushtaq** | Assistant Professor

**Relationship:** I have known Shavez for Three years. He was my 4-course instructor, lab organizer & trainer.  
Email: [shavez.mushtaq@qu.edu.pk](mailto:shavez.mushtaq@qu.edu.pk)