Muhamed Gamal Elmaghraby

Software Quality Control | Automation Tester

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Objective

Enthusiastic QC Tester with over 2 years of experience in manual and over 10 months automated testing seeking to leverage extensive skill set including Manual Testing, API Testing, Test automation with Selenium | Cypress, Database Testing and quality assurance process improvement. Eager to deliver robust testing solutions that help enhance software quality and user experience.

Education

Ain Shams University – Faculty of Computer and Information Science (Bachelor's degree) Scientific Computing Department [2017–2021]

Courses and Certificates:

ISTQB® Certified Tester FL V4.0 (Code:241120039)

Software Testing (Manual&API) – ITWORX Education

Agile Course – Udemy

QA Cart – Nezam Academy (Automation Selenium&SHAFT Engine)

Work Experience

Sheen Information Technology: Software Quality Control Engineer. [NOV.2024 – Present]
- Designed and executed detailed test cases to validate functionality, user interface, and overall user experience of web application, Automation Testing and compatibility Testing gacross different browsers, participated in daily agile meetings and weekly sprint reviews, providing valuable feedback to improve product features and performance.
- Introduced automated testing framework using Selenium.
- Designing and executing performance test strategies by JMETER to simulate heavy loads and high traffic conditions on both web and enterprise applications, and collaborating with development teams to recommend optimizations, Improved the bug tracking process by implementing DevOps Azure.

متن–MATN Solutions: Software Quality Control Engineer. [Dec.2023 – NOV.2024]
- Designed and executed detailed test cases to validate functionality, user interface, and overall user experience of web and mobile applications, performed regression, usability, sanity, and compatibility testing across different browsers and mobile devices, participated in daily agile meetings and weekly sprint reviews, providing valuable feedback to improve product features and performance.
- Introduced automated testing framework using Cypress.
- Expertise in using Postman for both manual and automated API testing, Proficient in Swagger for reviewing and interacting with API documentation.
- Designing and executing performance test strategies by JMETER to simulate heavy loads and high traffic conditions on both web and enterprise applications, and collaborating with development teams to recommend optimizations, Improved the bug tracking process by implementing JIRA.

ITWORX EDUCATION: Software Quality Control Engineer.[Sept.2023 – Dec.2023]

o Spearheaded the integration of testing in the initial stages of the software development lifecycle, Customized testing process based on project requirements.

o Executed detailed test cases for new software features, ensuring alignment with user requirements and usability standards. Performed exploratory testing to identify bugs in software usability and functionality.

o Design and implement comprehensive API testing using Postman and scripts to validate APIs for consistency, reliability, and performance.

Projects:

o **Almanhal – SIS**: Conducted comprehensive manual testing for Almanhal SIS, ensuring the system's functionality, performance, and usability.

o **Mabna**: Conducted extensive manual testing for Mabna's web and mobile applications, focusing on functionality, user experience, and compatibility across various devices.

o **Support Gate**: Led manual testing efforts for Project Support Gate, a web platform similar to Wuzzuf, focusing on functionality, usability, and cross-browser performance. Developed and executed detailed test cases to identify and resolve issues. Conducted API testing to ensure seamless data exchange and integration within the platform.

o **Twasel (Social App)**: Conducted comprehensive manual testing for Twasel Social App, focusing on functionality, Integration Testing, user interface, and user experience across different devices and platforms. Ensured that the APIs functioned correctly, supporting seamless communication and data flow within the social platform. **Test Planning**: Developed a detailed test plan for the Twasel Social App, outlining testing strategies, timelines, and objectives to ensure thorough coverage of all features and functionalities.

o **Pick A&Haader App**: platform similar to Talabat, focusing on both web and mobile applications. Ensured functionality, user experience, and com Conducted thorough API testing to verify backend services, such as order processing, payment integration, and user authentication.

o **NDC – NDC Portal**: Created and executed automated test scripts to validate booking workflows and flight-related functionalities, Leveraged tools like **[mention the tools used, e.g, Selenium, Postman, DevOps Azure]** for automation, API testing, and defect tracking.

o **Facial Emotion Recognition** (Graduation Project) – Python (Tensor Flow), ML–(Documentation).
  –The goal of this project is to develop an application that recognizes emotions and mood from the Input Photo by classifying it into categories such as (fear, surprise, sadness, happiness)

Technical Skills

–ISTQB–FLV4.0   –Manual Testing   –API Testing   –Test Plan Creation   – Test Case Writing
–Automated Testing Java Script&Java (Cypress – Selenium, SHAFT Engine)   –JMETER
Execution for Web Application and Mobile Application
–Bug Report with full detailed
–Agile board (JIRA, Trello, Azure DevOps, ClickUp)   –Database Testing

Languages

– Arabic   – English

Volunteer

Member in Student Union in my college.   Nov 16, 2020 – Nov 22, 2021.President

of my college Rovers.   Dec 1, 2020

First scout camp leader of Students Union.   Jan 20, 2021 – Jan 24, 2021