

Ali Mzayhem

Quality Assurance Engineer

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SUMMARY:

QA Engineer with a background in Computer Science, experienced in analyzing user flows, validating system behavior, identifying edge cases, and ensuring product quality across web and mobile applications. Skilled in functional and automated testing, test documentation, and collaborating closely with development teams.

EDUCATION:

MSc-1 in Computer Science - Lebanese University

10/2025

- **Key Courses:** Applied Mathematics & Statistics for Computational Sciences, Multimedia Processing, Machine Learning, Cloud Computing Fundamentals, Advanced Web Technologies, Advanced Network Protocols, Architectures & Security

BS in Computer Science - Lebanese University

10/2023

- **Key Courses:** Imperative Programming, Data Structure and Algorithms, Web Development (1)&(2), Database Management Systems(1)&(2), Computer Networks(1)&(2), Software Engineering, Project Management.

PROJECTS:

Vehicle Registration & Licensing Official Governmental System – TTVMA

1/2024 - Present

Case Study Link: <https://github.com/ali-mzayhem/QA-Portfolio?tab=readme-ov-file>

Results & Impact

- Exposed **critical defects** that could have caused **invalid vehicle registrations, license issuance errors, and legal inconsistencies** if released into production.
- Prevented **workflow-breaking bugs** across registration, exams, and licensing that would have disrupted **official government operations**.
- Served as the **final quality barrier**, stopping high-impact issues from reaching citizens and authorities.
- Detected **edge-case and validation failures** that standard happy-path testing would have missed, protecting data integrity and compliance.
- Reduced emergency fixes and system downtime by delivering **clear, reproducible bug reports with root-cause analysis**.
- Helped transform a fragile build into a **stable, production-ready government platform**.

TECHNICAL & LANGUAGES SKILLS:

- **QA & Testing:** Manual & Automated Testing, Test Case Design, Bug Reporting, CI/CD
- **Languages:** HTML, CSS, JavaScript, Python, Java, SQL, Liquid Shopify
- **Tools & Technologies :** ChatGPT, Jira, Postman, Selenium, Figma, Notion AI, Trello, Wireshark
- **Languages:** Arabic, English, French

CERTIFICATES:

Advanced Automation Testing Using Selenium (UDEMY)

11/2025

- Built scalable end-to-end test automation using Selenium and Python, applying POM, advanced locators, and synchronization techniques.

The Complete Software Testing Bootcamp (UDEMY)

03/2025

- Basics of SDLC & testing, manual & black-box testing, Agile, mobile & API testing, performance testing, Selenium automation, SQL, white-box testing.

FORSA 30 Hours Training Program

11/2024

- Comprehensive business training covering pitching ideas, communicating with stakeholders, and strategic decision-making.

WORK EXPERIENCE:

Atria Solutions, Beirut, Lebanon

4/2025 - Present

QA Engineer

- Developed **100+ end-to-end automated test cases** with Selenium/Python, covering core workflows.
- Reduced **manual testing effort by 70%**, accelerating release cycles.
- Caught **high-severity defects early**, preventing potential production failures in critical workflows.
- Implemented **Page Object Model and advanced locators**, improving test maintainability and scalability.
- Enhanced **test coverage and reliability**, supporting smoother and faster releases.

Tale Twist, Doha, Qatar

3/2025 - Present

Freelance Web Developer

- Developed and maintained responsive frontends for web applications with **React and JavaScript**.
- Implemented optimized onboarding and core feature flows, **improving usability** and task completion.
- Created high-fidelity prototypes and worked closely with backend teams to ensure seamless integration.
- Translated **client feedback into development solutions** aligned with business goals.

HerronTech, Boston, USA

4/2024 - 12/2024

UI/UX Designer

- Designed responsive web and mobile interfaces while **testing usability, accessibility, and functional flows** to ensure reliable, user-ready releases.
- Conducted **research, usability testing, and QA validation**, reducing friction and catching issues before development and production.

HONORS & RECOGNITION:

Official Commendation

12/2025

- Received official recognition from **Brigadier General Kobrosle**, Head of the **Traffic, Truck & Vehicle Management Authority (TTVMA)**, for outstanding contribution to the **Vehicle Registration System**.