

Muhannad Yazbak



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Full-Stack Developer & QA Automation Engineer

B.Sc. in Information Systems (Haifa University) with a focus on full-stack development and QA automation. Skilled in JavaScript, TypeScript, React.js, Next.js, and modern testing tools. Built scalable web apps and automation suites using Docker, CI/CD pipelines, and AI-driven microservices. Passionate about clean code, testing best practices, and continuous learning.

EDUCATION

2019-2023 | B.Sc Information Systems, BI specialization, University of Haifa

- BI focus: Java, JavaScript, Python, SQL, NoSQL, Big Data, ML, Visualization
- **Final Project:** *Together for Our City* – MERN-based multilingual volunteering platform. Led development, Git versioning, and front-end test planning.

2010-2013 | B.Med.Lab.Sc, Ben-Gurion university - GPA: 88

CERTIFICATIONS

2023 | Appleseeds QA Automation Course, Elevation - [Course Page](#)

- Built automation infrastructure (Java, TypeScript); developed UI/API/Mobile tests using Selenium, Playwright, and Appium; integrated logging/reporting tools and applied QA methodologies.
- **Final project:** Full E2E test suite for Rami-Levy website.

2022 | WebAhead (GreyMatters)

- Developed a mental health questionnaire app using React, JavaScript, HTML, and CSS. Used Git and VS Code for version control.

2021 | Tsofen (Kidi)

- Covered Java with Android Studio, Spring Boot, MongoDB, Git, and Agile teamwork (300 academic hours).

PROJECTS

- **Together for Our City**
MERN Stack, GitLab
Multilingual volunteering platform with responsive design. Led Git-based collaboration and front-end QA planning.
 - **TechMart E-Commerce Platform**
Next.js, TypeScript, Tailwind CSS, MySQL, Docker, GitHub Actions, Resend, LocationIQ
 - Built a responsive e-commerce app with RESTful APIs, email notifications, and address lookup.
 - Integrated a rule-based AI chatbot as a microservice.
 - Used Docker for containerization and GitHub Actions for CI/CD automation.
 - Designed system architecture using PlantUML.
 - Developed a **Playwright-based automation suite** using the **Page Object Model (POM)** for scalable UI testing.
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TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Java, Python
Web: React.JS, Next.JS, HTML, Tailwind CSS
Automation: Selenium, Playwright, Appium
DataBases: MySQL, MongoDB
Tools: Git, GitHub, Postman, Docker, GitHub Actions, Tableau, Qlik Sense, Power BI

LANGUAGES

English Professional working proficiency
Hebrew Native/bilingual proficiency
Arabic Native/bilingual proficiency