**Johnathan Miller**

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**Professional Summary**

QA Automation Engineer with 7 years of experience in designing, developing, and maintaining automation frameworks for Web, API, and Mobile testing. Strong background in software testing methodologies, CI/CD integration, and Agile environments. Skilled in leveraging modern tools and AI-driven approaches to enhance test coverage, improve reliability, and accelerate release cycles.

**Core Skills**

* **Automation Tools & Frameworks**: Selenium, Cypress, Playwright, Appium, TestNG, Pytest
* **Programming & Scripting**: Python, Java, JavaScript, SQL, Bash
* **API Testing**: REST Assured, Postman, Python requests, Newman
* **Databases**: MySQL, MongoDB, SQLite
* **DevOps & CI/CD**: Jenkins, GitHub Actions, GitLab CI, Docker, Kubernetes
* **Cloud & Environments**: AWS, Azure DevOps, BrowserStack, Selenoid
* **Test Management & Reporting**: JIRA, Zephyr, Allure Reports, ReportPortal
* **Practices**: Agile/Scrum, BDD (Cucumber, Behave), TDD, RAG-assisted test case generation
* **Soft Skills**: Leadership, mentoring junior QAs, problem-solving, cross-team collaboration

**Professional Experience**

**Senior QA Automation Engineer**

**TechNova Solutions, Tel Aviv**  
*Jan 2021 – Present*

* Designed and implemented a **hybrid automation framework** using Python (Pytest + Playwright + REST API).
* Integrated automation suites into **GitHub Actions pipelines**, reducing regression test time by 60%.
* Led the QA effort for a **mobile-first e-commerce platform**, developing 120+ Appium test cases across Android/iOS.
* Introduced **AI-based test case generation** using LLMs, improving coverage of edge cases by 25%.
* Mentored 4 junior QA engineers in automation best practices and design patterns.

**Key Achievements:**

* Reduced production bugs by 40% through improved automated coverage.
* Championed transition from Selenium to Playwright, cutting test execution time from 2 hours to 25 minutes.

**QA Automation Engineer**

**BrightWave Technologies, Haifa**  
*Jun 2018 – Dec 2020*

* Developed and maintained **Selenium + TestNG** automation framework for SaaS web applications.
* Automated **API testing** with REST Assured and Postman collections (Newman CLI in CI).
* Set up test environments using Docker and Selenoid for **parallel cross-browser execution**.
* Collaborated with developers to implement **shift-left testing practices**.

**Key Achievements:**

* Reduced manual regression cycle by 70% via automation adoption.
* Implemented API contract testing, preventing major integration issues.

**QA Engineer (Manual & Automation)**

**InnoSoft Ltd., Tel Aviv**  
*Jul 2016 – May 2018*

* Executed functional, regression, and smoke tests for web-based ERP applications.
* Created first automation PoC with Selenium + Java to replace repetitive test cases.
* Documented test plans, test cases, and defect reports in JIRA/Zephyr.

**Education**

**B.Sc. in Computer Science**  
Ben-Gurion University of the Negev, Be’er Sheva  
*2012 – 2016*

**Certifications**

* ISTQB Certified Tester – Advanced Level (2019)
* Certified Jenkins Engineer (2021)
* Postman API Expert (2022)

**Sample Projects (GitHub)**

* **E2E Automation Framework** – Playwright + Python + Pytest with Allure reports
* **API Automation Toolkit** – REST Assured & Postman collections for microservices testing
* **Mobile Test Suite** – Appium automation for hybrid Android/iOS apps