

Adrian Herscu

QA Automation TechLead | Medical Devices | Java/Selenium | CI/CD | ISO13485
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Personal GitHub project: [qa-automation-starter.aherscu.dev](https://github.com/adrianherscu/qa-automation-starter)

Summary

15 years leading QA automation projects, including 8 in the medical devices industry. Expert in building test frameworks from scratch for mobile, web, desktop, cloud, and embedded systems. Focused on maintainability, reporting clarity, and compliance-driven reliability.

Technical Skills

Java, Python, C#, Selenium, Appium, REST, RabbitMQ, SQL, ElasticSearch, Jenkins, Git, Maven, TestNG, Docker, CI/CD, Kafka, SpringBoot, BDD, JProfiler, WinAppDriver, FlaUI

Selected Achievements

- Built reusable automation frameworks adopted across multiple projects.
- Led 7–8 devs building Appium-based mobile test framework, with about 300 tests.
- Improved performance of cloud-based application 4x using JProfiler.
- Supported ISO13485 audits with traceable automation and reporting.

Experience

AST Space Mobile – Senior Automation Developer (Python, Cubesat Space Protocol)

Jun 2024 – Dec 2024 | Petach Tikva

BDD framework and tests for satellite embedded software.

Cross River Bank – Senior Automation Developer (Java, REST, RabbitMQ, ES, Jenkins)

Nov 2022 – Mar 2024 | Jerusalem

BDD framework and tests for financial backend microservices running on Azure.

Philips Medical Systems – Automation TechLead (Java, WinAppDriver, C#, FlaUI)

Dec 2021 – Jul 2022 | Haifa

BDD frameworks and tests for CT machine desktop tooling running on Windows.

GE HealthCare – Automation TechLead (Java, Appium, REST, Jenkins)

Nov 2018 – Nov 2021 | Haifa

Led 7–8 devs in building tests for medical mobile application, with about 300 tests running on Android, iOS and AWS, reporting to Orcanos ISO13485 compliant ALM.

GE Digital – Sr. Automation & Backend Developer (SpringBoot, PostgreSQL, Kafka, S3)

Jan 2017 – Nov 2018 | Herzliya

BDD framework and backend tests; optimized performance of SpringBoot with Kafka + S3 + PostgreSQL pipeline running on CloudFoundry using JProfiler.

eBay Marketplaces – Sr. Automation & Full-Stack Developer (Java, REST, Python, Oracle)

Jul 2015 – Dec 2016 | Netanya

BDD framework and backend tests; web tool for product catalog schema management.

Earlier Experience – Automation & Full-Stack Developer (mostly Java and JavaScript)

Jan 2010 – Jul 2015

HP, Q-Core Medical, wireXN (Founder & Patent holder - US7,574,692)