

# Romy Medan

romy.medan@gmail.com | (404) 402-4509 | linkedin.com/in/romymedan

## SUMMARY

---

Senior QA Team Lead and SDET with 15+ years of experience in AI-First Engineering. Expert in Playwright, TypeScript, and Java/Python frameworks. Pioneered agentic quality systems and autonomous test generation at Ascension, including LLM behavior validation and guardrail enforcement. Proven ability to define QA strategy, build data-driven dashboards, and optimize global QA processes for high-velocity quality delivery.

## EXPERIENCE

---

### QA Team Lead

*Ascension | January 2023 – Present*

- Defined and owned the end-to-end QA strategy for an AI-first engineering organization, leading a 4-member QA team across sprint planning, test strategy, and release readiness.
- Evaluated AI/LLM chat features using Cekura, achieving 95% test coverage for model behavior validation and guardrail enforcement.
- Built scalable automated test suites using Playwright, reducing resolution time by 25% with 100% on-time delivery.
- Built and maintained Jira dashboards tracking sprint health, automation coverage, defect trends, and release quality to drive data-informed release decisions.
- Authored the QA Best Practices document, adopted as a team standard.

### QA Engineer II

*Amazon | January 2021 – January 2023*

- Engineered automated test suites using Java, Selenium, and Appium, achieving 90% regression coverage for mobile and web.
- Introduced BDD with Cucumber, standardizing automated testing processes and improving stakeholder visibility.
- Directed Alexa integration testing for AMP, identifying critical performance bottlenecks before release.
- Optimized AWS Device Farm workflows for parallel cross-device test execution, cutting execution time by 50%.
- Mentored intern engineers, accelerating onboarding and contribution to the automation codebase.

### Senior Automation QA Engineer

*Honeywell | January 2018 – December 2019*

- Automated CI/CD pipelines using Jenkins, Java Selenium, and Rest Assured, enabling faster release cycles.
- Resolved complex defects through root cause analysis, decreasing escaped bugs by 15%.
- Collaborated with offshore engineers to maintain high script quality and 100% framework uptime.
- Coached junior engineers on automation best practices and framework architecture.

### Automation QA Engineer

*NCR | January 2016 – December 2018*

- Designed and implemented integration tests for a large e-commerce project using Behat BDD and PHP.
- Leveraged BrowserStack to execute parallel cross-browser tests across 50+ distinct browser and OS combinations.
- Engineered automated end-to-end regression suites using Selenium WebDriver, achieving 100% test coverage for critical user journeys.

## PROJECTS

---

- **Agentic QA (Open Source):** Built a framework for Agentic Quality Systems and Autonomous Test Generation that automates end-to-end QA workflows—from parsing Jira tickets to generating and executing Playwright scripts.
- **QA Pilot (AI Hackathon):** Solo-developed an agentic AI testing pipeline using Gemini, Chrome DevTools Protocol, and Playwright for autonomous test generation and execution.
- **Automated Qualtrics Triage (AI Hackathon):** Led team "Cure-ious Coders" to build an AI pipeline that processes patient survey feedback into themed Jira tickets via Slack approval workflows.

## EDUCATION

---

### **B.Sc. in Computer Science**

*College of Management, Israel*

### **Open-Source Web Development**

*Emory Continuing Education, Atlanta*

## CERTIFICATIONS

---

ISTQB Foundation Level Software Testing Certification (CTFL)

## SKILLS

---

<b>Languages:</b>	TypeScript, Java, JavaScript, PHP, Python, SQL
<b>Testing:</b>	Playwright, Selenium, Cucumber (BDD), JUnit, TestNG, Rest Assured, Zephyr Scale
<b>AI Tooling:</b>	Agentic Quality Systems, Autonomous Test Generation, Cekura (AI Evaluation Testing), LLM Prompt Testing, GitHub Copilot, MCP Integrations (Model Context Protocol), Cursor, Claude Code
<b>Infrastructure:</b>	GCP, AWS (Device Farm), Jenkins, Docker, Linux, Git, Bitbucket, Jira Administration
<b>Data &amp; APIs:</b>	REST API Testing, Postman, Swagger, PostgreSQL, Oracle, SQL Server, DB2, ETL/SSIS

## INVOLVEMENT

---

### **Mentor**

*American Corporate Partners (ACP) | January 2024 – Present*

- Provide year-long career coaching and transition support for veterans and military spouses transitioning into civilian careers.
- Guide veterans through career transitions, providing mock interviews and resume reviews for 10+ mentees.
- Facilitate networking connections to help mentees secure roles in the tech industry, resulting in a 90% placement rate.