

Yaniv Metuku

QA Automation Engineer



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PROFESSIONAL SUMMARY QA Automation Engineer with hands-on expertise in Python-based test automation, E2E solution testing, and CI/CD pipeline development. Built a multi-layer test ecosystem spanning Web, API, Mobile, and Database layers with a 12-step GitHub Actions pipeline, automated failure analysis, and Allure reporting. Strong foundation in quality methodologies, formal test design (ISTQB), and data integrity validation. Background in mission-critical logistics (IDF/SAP ERP) brings systematic debugging, stakeholder collaboration, and process discipline — directly applicable to customer-facing deployment environments.

TECHNICAL SKILLS

- **Automation & Frameworks:** Python (OOP), pytest, Playwright, Selenium, Appium, Allure Reports
- **CI/CD & Infrastructure:** GitHub Actions (multi-step pipelines), Git, Docker basics, Linux/CLI, Shell scripting
- **API & Database:** REST API testing (Postman, Python requests), SQL, MySQL, SQLite.
- **QA Methodologies:** E2E solution testing, test planning (STP/STD/STR), bug lifecycle, regression/functional testing, Jira, Xray
- **AI-Based Testing:** AI-powered failure analysis and root cause identification evaluation pipelines

EDUCATION

2025 | QA Automation & AI Bootcamp | Tech-Career *Intensive 800+ hour architectural bootcamp focusing on Manual and Automation testing for complex web applications.*

- Designed and executed automated end-to-end regression and sanity tests utilizing Python and Pytest + Playwright.
- Analyzed QA tests and assessed delivery readiness, maintaining high UX/UI standards.
- Executed REST API validation using Postman and performed database integrity checks via SQL.
- Handled software updates, patches, and documented the bug lifecycle within an Agile development cycle.

2018-2020 | P.E. Industrial Management | The Joint College *Specialization in Operations Management and Information Systems.*

PROFESSIONAL EXPERIENCE

2024 – 2025 | Operations & Logistics | Various Companies (Manpower Projects) Managed workflows and tracked process efficiency in fast-paced, agile-like environments

2020 - 2022 | Logistics & Operations Specialist (Deputy Team Lead) | IDF

Managed end-to-end mission-critical processes using SAP ERP with rigorous system validation across testing and production environments ▶ Owned data integrity for large-scale operations — debugged discrepancies, performed root cause analysis, and verified fixes under strict deadlines ▶ Collaborated with cross-functional teams and external stakeholders to coordinate delivery readiness and quality standards

VOLUNTEERING Robotics Instructor | Hamapilim School, Lod Volunteered as a robotics tutor for 2nd-grade students, fostering early interest in STEM and problem-solving