

AVIV ZECHARIA

AUTOMATION ENGINEER

CONTACT

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PROFILE

- Detail-oriented and results-driven Automation Engineer with experience in designing and implementing test automation frameworks.
- Proficient in Python, Java, Selenium, JS and CI/CD tools like Jenkins, GitHub.
- Experienced with CI and Scrum methodologies.
- Currently pursuing ISTQB Foundation Level and AWS Associate Certified Solutions Architect certificates (Expected completion: Jan 2025).
- Team player focused on improving efficiency and scalability of software testing in a dynamic environment.

SKILLS

- Python
- Javascript
- Playwright
- SQL
- Git
- AWS
- RESTful API & Postman

EDUCATION

Computer Science (extended), B.Sc

Hebrew University

2018-2022

- Tutored students in Mathematics (Calc 2) for 2 semesters.
- Served as part of the academic staff for one semester.
- Finished with honors.

Full Bagrut

Makif Yehud High-School

2010-2013

- Extended Software Engineering and Physics
- Finished with honors.

LANGUAGES

English - Very High

Hebrew - Native

Spanish, German, Portuguese - High

WORK EXPERIENCE

2022-2024 : Intel - Various Roles

2023-2024 : Backend and Automation engineer

- Software Development:** Developed both server-side and client-side software on Linux using Python and Perl, leveraging Jenkins and Git to enhance system efficiency and scalability, and SQL for result testware registration.
- Quality Assurance (QA):** Created scripts to identify code issues like redundant loops and inefficient queries, reducing execution time by 30% and increasing coverage by 20%, greatly improving software quality.
- RESTful API:** Developed Node.js scripts to support the online testing infrastructure of Panther Lake chip components, utilizing Postman and Playwright for comprehensive API testing and validation.
- Web Development Skills:** Showed understanding of web development concepts, programming languages and utilization of resources, which has enhanced capability of effective testing of web resources.
- Fast Learner:** Recognized by superiors and colleagues for a strong ability to quickly assimilate new information and meet deadlines effectively.

2022-2023 : Pre-Silicon Verification and and Automation Engineer

- Automated Scripts Development:** Developed over 50 automated testing scripts (Sanity, Regression, Black&White Boxes,...) using SV, C# and Python, along with manual testing, identifying critical bugs in chip components such as encryption issues and traffic overloads.
- Component Integrity:** Led integrity testing of vital chip components, uncovering more than 30 bugs, which significantly improving chip performance and overall product quality.
- Testware:** Regularly planned and wrote test documentation(STD,STP, among others) in great collaboration with team manager and members
- Project Presentation:** Presented projects to senior managers in English, gaining recognition for deep system knowledge and clear communication.
- Testing Knowledge:** Quickly acquired QA and automation methodologies knowledge, actively participated & ran critical test phases to manager's content.

MILITARY SERVICE

2014 - 2017 : C4I Corps, IDF

MMR radar technician, full service