

Egor Borisenko

Software Automation Engineer

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Professional Summary

B.Sc. in Computer Science with over 8 years of experience in software testing and automation initiatives, delivering robust test automation frameworks for web and REST API applications. Proficient in Pytest, Selenium, Playwright, and TypeScript, with advanced expertise in building streamlined CI/CD pipelines. Pioneered AI-driven testing solutions, increasing test case development efficiency by 25% and reducing defect leakage by 30%. Adept at crafting comprehensive test strategies, fostering cross-functional collaboration, and driving quality assurance in fast-paced Agile/Scrum environments. Noted for effective problem-solving, collaborative teamwork, and consistently delivering high-quality software under tight deadlines.

Professional Experience

2020–Present: Software Automation Engineer, Commit, Petah Tikva

- Architected and implemented automated testing frameworks from scratch using Pytest, TypeScript, Selenium, and Playwright, seamlessly integrated with Jenkins, GitLab, and Allure reporting to enable robust CI/CD pipelines.
- Developed and executed detailed test plans (STD, STP, STR) for functional, system, and API testing using JIRA for test management, achieving a 30% reduction in defect leakage through rigorous quality assurance processes.
- Partnered with product managers and developers to identify, analyze, and resolve defects, ensuring optimal client-server interactions across Windows and Linux environments.
- Leveraged tools such as Postman, Wireshark, and DBeaver to diagnose and resolve complex issues across diverse application domains, enhancing system reliability.
- Researched and implemented AI-driven technologies to streamline test case creation and accelerate automated test development, boosting team efficiency by 25%.

2015–2020: Wi-Fi Test Engineer, Intel Corp., Petah Tikva

- Conducted software testing for Wi-Fi features, focusing on driver and firmware validation using 802.11 protocols, while managing defect reporting to improve wireless system reliability.
- Configured and operated communication equipment, including Access Points and Switches, to support rigorous testing scenarios.

2013–2015: QA Tester, Freelance (uTest, BugFinders)

- Performed manual, black-box, and functional testing for web and mobile applications across multiple browsers and platforms, authoring detailed test documentation to enhance test coverage and reproducibility.

Education

B.Sc. in Computer Science, National Polytechnic University, Ukraine

2003–2007

Military Service

Israeli Air Force, Staff Sergeant

2008–2010