

Dimitrios Apostolakis | SENIOR SDET & PERFORMANCE AUTOMATION ENGINEER

📍 Athens, Greece | 🇬🇷 Canadian Citizen (USMCA / TN-1 Eligible) | 📞 +30 6986950155 | ✉️ dsapostolakis@gmail.com | 🐙 Github | 🌐 LinkedIn

Experience

HF Markets

(Hybrid) Athens, Greece

Senior SDET & Performance Automation Engineer

Jan 2026 – present

- Architected an autonomous **AI-assisted regression pipeline** integrating **Playwright** with multimodal LLM vision inspection, automating end-to-end visual validation and slashing QA turnaround by **85%**
- Built an enterprise **k6 load testing framework** from scratch covering 8+ **microservices** with automated Jenkins execution, gRPC metric collection, HashiCorp Vault integration, and database-backed trend analysis
- Delivered **20+ load test campaigns** in 6 months validating critical infrastructure changes including AWS migration, Redis cluster refactoring, and wallet API rewrite across production and pre-production environments
- Built a dedicated **Cloudflare WAF** validation suite covering rate limiting, custom firewall rules, OWASP core ruleset, and bot mitigation — ensuring zero false positives on legitimate user flows before production deployment
- Designed a self-service **Jenkins pipeline** with Active Choices eliminating 6+ hours/week of manual runs; scaled parallel trading stress tests using **Locust** across 12 distributed worker nodes

Openbet, Opap

(Hybrid) Athens, Greece

QA Automation Engineer

Apr 2024 – Jan 2026

- Automated API and UI tests using **Java**, **JUnit**, **Selenium**, **Cucumber** reducing manual testing effort by 70% and achieving 85% regression coverage across component, app group, and integration levels
- Executed containerized testing workflows using **Docker**, **Kubernetes**, **ArgoCD** reducing environment setup time by 75% and enabling parallel test execution across multiple service versions
- Monitored and maintained **Jenkins CI/CD** pipelines running 3000+ automated tests per release cycle, sustaining a 95%+ pass rate and identifying flaky tests through trend analysis
- Performed peer code reviews and led knowledge transfer sessions onboarding 3 engineers; validated backend systems using **SQL**, Spring RestTemplate, AssertJ, and Postman

Agile Actors, Österreichische Post

(Remote) Athens, Greece

Software Engineer in Test

Feb 2023 – Apr 2024

- Optimized CI/CD test runtime by 80% (25 min to 5 min) and local runtime by 90%, significantly cutting infrastructure costs and raising developer productivity across the team
- Developed and maintained 400+ E2E tests for critical user flows in **C#/.NET**, **Playwright**; built nightly pipelines validating cross-browser rendering across 5 device profiles
- Introduced backend integration tests using **WireMock** covering 30+ API endpoints; automated accessibility testing with axe-core ensuring WCAG AA compliance across all public-facing pages

Hellenic Army IT Center

(On-site) Athens, Greece

Software Engineer

Mar 2022 – Dec 2022

- Developed a web scraping tool in **Python** that recovered and migrated content from 45 WordPress websites, preserving data integrity during a full infrastructure transition
- Introduced auto-generated simulation reports using **R** that reduced manual data processing time by 90%, enabling faster decision-making during strategic coordination exercises

Skills

Stack: TypeScript, JavaScript, Python, Java, C#/.NET, SQL, Bash, Git, gRPC, Linux

Tools: k6, Locust, Playwright, Jenkins, Docker, Kubernetes, AWS, Azure, Grafana, Postman, GitLab CI/CD, WireMock

Practices: Autonomous Test Generation, Performance & Load Testing, Security/WAF Testing, CI/CD, Test Architecture, BDD

Education

Technical University of Crete

Chania, Greece

MEng in Electrical and Computer Engineering

2016 – 2021

- Grade: 7.27/10.00, 300 ECTS
- **Thesis:** "Optimization of electric energy management in buildings based on machine learning techniques" — Implemented RL algorithms **minimizing electricity cost by 31%**; scheduling algorithm attaining further **17% decrease**

Certifications

Microsoft: Azure Solutions Architect Expert, Azure Administrator Associate, Azure Fundamentals

AWS: Solutions Architect – Associate

Training: ReGeneration: Cloud Tools & Technology, Docker Mastery, Python Bootcamp