Vasileios Politeiadis

QA Automation Engineer & Full-Stack Builder

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Summary

Test Automation Engineer with 7+ years of test automation, 6+ of them on European Commission framework contracts: DG TAXUD (CUSTDEV3, via SWORD) and DG DIGIT (eProcurement, via VASS). Java, Selenium WebDriver, Serenity BDD and WebdriverIO frameworks; API testing with ReadyAPI/SoapUI; JMeter performance tests; UAT with DG stakeholders; Agile/Scrum, Jira and Confluence. Also builds full-stack web apps (React, Next.js, Astro) with Playwright tests.

Experience

Test Automation Specialist

VASS, client: European Commission, DG DIGIT (Unit A2), eProcurement

Remote, 03/2024 – Present

Engagement: IT consultant (contract, via POLITEIADIS VASILEIOS E E). Project: eProcurement: the platform that manages the contracting lifecycle between the European Commission and external suppliers, pre-award and post-award, including the roll-out of framework contracts such as DIGIT-TM III. Integrates with Compass, SYGMA and PPCMS. Team size: 30+. Tools: Java, Selenium WebDriver, DG RTD TAF, WebdriverIO, JavaScript, CCQA framework, JMeter, Atlassian Bamboo, Bitbucket, Jira, Confluence, Kiro IDE, Agile/Scrum.

- Automate E2E tests for the eProcurement platform across the pre-award and post-award phases of the contract lifecycle.
- Maintained and extended the Java and Selenium WebDriver suites built on the DG RTD Test Automation Framework (TAF), then migrated the E2E tests to the CCQA framework on WebdriverIO and JavaScript.
- Built a test-data generator that creates mock contracts by chaining internal API calls, so testers can set up B2B contract scenarios without manual data entry.
- Designed and ran JMeter performance and stress tests for the DIGIT-TM III framework contract roll-out.
- Run the suites in Atlassian Bamboo and Bitbucket pipelines; work in Scrum with developers of Compass, SYGMA and PPCMS, business analysts and project management.
- Use AI-assisted development (Kiro IDE) for test code, within EC security rules.

Freelance Full-Stack Developer

POLITEIADIS VASILEIOS E E (own company, alongside VASS)

Remote, 04/2025 – Present

Project: Web applications, CMS-backed sites and booking integrations for small businesses and organisations, delivered with automated tests. Team size: 1. Tools: TypeScript, React, Next.js, Astro, Tailwind CSS, Supabase, PostgreSQL, Prisma, Sanity, Cal.com API, Docker, Playwright, GitHub Actions, Cloudflare Workers, Sentry, Cursor.

- Design, build and run client web applications end to end: Next.js or Astro front ends, Supabase (PostgreSQL) and Prisma back ends, Sanity as headless CMS.
- Cover the applications with Playwright E2E tests that run in CI before each deployment; monitor production errors with Sentry.
- Delivered medical and tourism-sector websites together with other freelancers.

QA Lead & Software Engineer

Upiria (freelance)

Remote, 11/2022 – 02/2024

Project: Travel marketplace and B2B SaaS start-up connecting travellers with local experience providers: consumer booking site, mobile app, and a vendor portal for inventory and bookings. Team size: 5+. Tools: Playwright, TypeScript, Postman, React, PHP, Phalcon, MySQL, Docker, AWS, ClickUp, Agile.

- Set up QA automation from scratch: E2E, UI and API test suites with Playwright and TypeScript, plus API tests in Postman.
- Integrated the suites into the AWS-hosted CI/CD pipeline so failing builds were not deployed.
- Developed features for the React vendor dashboard (activity registration, analytics, payments) and worked on the PHP (Phalcon) and MySQL back end.
- Configured parts of the AWS infrastructure; worked with Docker-based environments.
- Took part in planning with the leadership, sales and marketing teams to align releases with business priorities (Agile, ClickUp).

Career break: self-directed study

10/2021 – 10/2022

- Studied front-end and full-stack web development (React, Next.js, Node.js) and Web3 development (Encode Club Solidity Bootcamp).

Test Automation Engineer

SWORD Services Greece, client: European Commission, DG TAXUD, CUSTDEV3 framework contract

Athens, Greece, 05/2018 – 09/2021

Project: Customs and taxation systems for DG TAXUD under the CUSTDEV3 framework contract, including EBTI, INFSP, INFSTP and TARIC, in an Agile environment with EC compliance and documentation standards. Team size: 30+ (core automation team of 3). Tools: Java, Selenium WebDriver, Serenity BDD, TestNG, SoapUI, ReadyAPI, LoadUI, Jira, Confluence, Agile/Scrum.

- Built, together with a senior engineer, the E2E test automation framework for EBTI from scratch in Java with Selenium WebDriver and Serenity BDD.
- Developed and maintained automated GUI test suites in Java with TestNG for the CUSTDEV3 applications and ran manual tests where automation did not fit.
- Tested web services with SoapUI and ReadyAPI and ran performance tests with LoadUI.
- Conducted user acceptance testing (UAT) with DG TAXUD stakeholders before production releases.
- Wrote test plans, test scenarios and automation documentation in Confluence; tracked defects in Jira.

Projects

Casa Capoeira

casacapoeira.org

Multilingual events platform and custom CMS for an international capoeira group. Live.

Stack: Next.js, Supabase, Prisma, TypeScript, Docker

Katerina Sermpezi

katerinasermpezi.gr

Professional website with CMS-managed content and online appointment booking.

Stack: Astro, Sanity, Cal.com

vpoliteiadis.dev

vpoliteiadis.dev

Personal site on Cloudflare Workers. Every push runs lint, unit tests, the build and Playwright sanity tests before it deploys.

Stack: Astro, TypeScript, Cloudflare Workers, Playwright, Vitest

Skills

Experience by technology

Test automation (overall): 7.5 years (90 months)

Selenium WebDriver: 5.4 years (65 months)

Playwright: 3.0 years (36 months)

React: 3.0 years (36 months)

CI/CD (Bamboo, Bitbucket, AWS, GitHub Actions): 4.0 years (49 months)

Agile/Scrum: 7.5 years (90 months)

Java: 5.4 years (65 months)

WebdriverIO / JavaScript: 0.7 years (9 months)

TypeScript: 3.0 years (36 months)

API testing (ReadyAPI/SoapUI, Postman): 4.7 years (57 months)

Jira and Confluence: 6.1 years (74 months)

Tools and techniques

Test automation: Selenium WebDriver, WebdriverIO, Playwright, Serenity BDD, TestNG, JUnit, E2E, UI and API testing, Regression testing, BDD, UAT

API and performance testing: ReadyAPI, SoapUI, Postman, JMeter, LoadUI

Languages: Java, JavaScript, TypeScript, PHP, SQL

Frameworks: React, Next.js, Astro, Tailwind CSS, Phalcon, Prisma

CI/CD and tools: Atlassian Bamboo, Bitbucket, GitHub Actions, Docker, Git, Jira, Confluence, Sentry

Cloud and data: AWS, Cloudflare Workers, Supabase, PostgreSQL, MySQL, Sanity

AI: Generative AI (Google Cloud certified), AI-assisted development: Kiro, Cursor, GitHub Copilot

Ways of working: Agile/Scrum, Test plans and test documentation, EC framework contract delivery

Education

Diploma in Electrical and Computer Engineering (5-year integrated Master's, EQF level 7)
Aristotle University of Thessaloniki, School of Electrical and Computer Engineering
Graduated 2018

Specialisation: Electronics and Computers
Diploma thesis: “Automated Test Engine for RESTful Web Services”

Certifications

Google Cloud Certified: Generative AI Leader, Google Cloud, 04/2026

ISTQB Certified Tester Foundation Level (CTFL), ISTQB, 10/2018. Credential ID: GRTB1810CTFL0009

Training

Encode Solidity Bootcamp, Encode Club, 09/2021 – 10/2021

Economics of Blockchain: an introduction to cryptocurrencies, Panteion University of Social and Political Sciences, 04/2021 – 05/2021

Languages

Greek: Native

English: C2 (CEFR)

Last updated: 11/2026