

Tudor GALL

Senior Test Automation Developer

Senior Test Automation Developer with strong Python experience and a focus on Selenium, Playwright, Appium, Cucumber, Pytest and Robot Framework for web and mobile testing. Skilled in designing, migrating, and maintaining automation frameworks, integrating tests into CI/CD, and applying AI-assisted engineering practices to accelerate test development. Experienced in collaborating with distributed teams in various projects, mentoring engineers, and driving higher test coverage and product quality.

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WORK EXPERIENCE

Senior Test Automation Developer Anritsu Company

Bucharest, Romania (remote)

Telecommunications Electronics Equipment Company

01/2023 - 05/2026

- Developed and maintained Python-based automation frameworks using Selenium for telecom software.
- Led the migration of the legacy Selenium framework to Playwright, modernizing the test architecture and improving execution speed, stability, and maintainability.
- Performed SOAP/REST API testing with Postman, covering functional validation and regression of backend services.
- Integrated AI assistants (GitHub Copilot, ChatGPT, Claude, Gemini) into daily QA workflows: generating and refactoring test code, analyzing complex multi-layered logs, drafting test documentation, and accelerating root-cause analysis of failures.
- Defined automation concepts, specifications, and test documentation aligned with product requirements.
- Executed automated suites, analyzed results, logged defects with clear reproduction steps, and provided structured test status reports to development and management teams.
- Provided technical mentoring and guidance to Test Automation Engineers and collaborated with distributed development teams to reproduce and investigate issues.

QA Automation Engineer Ness Digital Engineering

Iasi, Romania (remote)

Information Technology & Business Planning Services Company

07/2021 - 01/2023

- Built automated tests in Robot Framework and Python for web and Android mobile applications.
- Automated Android applications with Appium on real devices and emulators.
- Performed REST API testing with Postman, building request collections and validating service responses as part of the regression scope.
- Created and maintained Jenkins jobs and pipelines for continuous testing.
- Contributed to standardizing QA processes and improving automation practices.
- Produced test reports and supported release decisions with system-level evaluations.

QA Automation Engineer Continental Automotive Romania

Iasi, Romania

Research & Development Automotive Company

09/2012 - 01/2018

- Participated in testing and deployment of automotive software, covering functional and system-level validation.
- Developed Python automated tests on an in-house developed framework for automotive software validation.
- Developed and executed comprehensive test plans, test cases, and test scripts to support component, integration, and system testing activities.
- Prepared and executed test plans, test cases, and scripts for component, integration, and system testing.
- Performed DevOps-related work, including test environment setup, automation support and deployment/test infrastructure tasks.
- Created and maintained Jenkins CI/CD jobs and pipelines for automated test execution and reporting.

EDUCATION

Industrial Design and Business Management

"Gheorghe Asachi" Technical University,
Iasi

2020 - 2022 MBA Management and Business Administration

- 10 Diploma Project Degree

Electrical, Electronics And Telecommunications Engineering

"Gheorghe Asachi" Technical University,
Iasi

2011 - 2016 BSc Applied Electronics

- 9.75 Diploma Project Degree

Mathematics & Computer Science Profile "Costache Negruzzi" High School, Iasi

2007 - 2011

- 9.88 Graduation Degree / 9.60 Baccalaureate Degree

SKILLS



CERTIFICATIONS

MENSA Member

Python Programmer on DataCamp

Data Scientist with Python on DataCamp

Data Analyst with Python on DataCamp

LANGUAGES



Romanian

English

Italian