Tudor GALL

Senior Test Automation Developer

Senior Test Automation Developer with 10+ years of experience in Python-based test automation across medical devices, telecommunications, automotive, web and mobile applications. Experienced in designing and maintaining automation frameworks, software Verification & Validation, API testing, CI/CD and AI-assisted QA. Strong background in Selenium, Playwright, Appium, Robot Framework and Pytest.

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WORK EXPERIENCE

Senior Test Automation Developer
Anritsu Company
01/2023 - 05/2026
- Developed and maintained Python-based Selenium automation frameworks for telecom software.
- Led the migration of the legacy Selenium framework to Playwright, improving execution speed, stability and maintainability.
- Performed SOAP/REST API testing with Postman covering functional and regression validation.
- Integrated AI tools including GitHub Copilot, ChatGPT, Claude and Gemini into test development, log analysis, documentation and root-cause investigation.
- Mentored Test Automation Engineers and collaborated with distributed development teams on defect investigation and test strategy.

Senior QA Automation Engineer
Ness Digital Engineering
07/2021 - 01/2023
- Developed automated tests using Python and Robot Framework for web and Android applications.
- Automated Android applications with Appium using real devices and emulators.
- Performed REST API testing with Postman and maintained Jenkins pipelines for continuous automated testing.
- Produced test reports, supported release decisions and contributed to improving QA automation practices.

Senior Automation Engineer
Abbott Diagnostics | Contractor via AROBS Engineering
04/2020 - 07/2021
- Developed Python-based automated tests for Abbott's ID NOW rapid molecular diagnostic platform, used for COVID-19, Influenza A & B, RSV and Strep A testing.
- Performed software Verification & Validation (V&V), including functional, integration, system and regression testing in a regulated medical-device environment.
- Investigated defects, analyzed test results and logs, and contributed to requirements traceability and verification documentation.

QA Automation Engineer
Continental Automotive Romania
09/2012 – 01/2018
- Developed Python automated tests using an in-house framework for automotive software validation.
- Designed and executed component, integration and system-level test cases.
- Supported functional and system testing, test environments and software deployment activities.
- Created and maintained Jenkins CI/CD 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

Faculty of Electronics, Telecommunications and Information Technology
"Gheorghe Asachi" Technical University, Iasi
2011 - 2016 BSc Applied Electronics

Mathematics & Computer Science Profile
"Costache Negruzzi" High School, Iasi
2007 - 2011 - 9.88 Graduation Degree / 9.60 Baccalaureate Degree

SKILLS

Python | Selenium | Appium | Playwright | Robot Framework | Cucumber | Pytest | AI-Assisted QA | Bash/Shell | SQL | Docker | Kubernetes | Ansible | Prometheus | Grafana | OpenTelemetry | JMeter | Git | CI/CD | SOAP/REST/GraphQL API Testing | Jenkins | GitHub Actions | GitLab | Postman | DevOps | AWS | Azure | GCP | Jira | Agile/Scrum

CERTIFICATIONS

MENSA Member

Python Programmer on DataCamp

Data Scientist with Python on DataCamp

Data Analyst with Python on DataCamp

LANGUAGES

Romanian

English

Italian