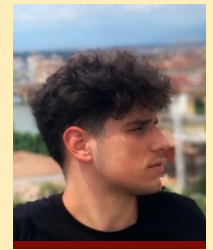


Emilian Popescu

Quality Assurance Engineer



Cluj-Napoca, Romania

0755420125

emilian.p159@gmail.com

[LinkedIn](#)

PROFILE

Quality Assurance Engineer with extensive experience in manual and automation testing. Proven ability to ensure software functionality and quality through rigorous testing processes. Expertise in bug tracking, test planning, defect documentation, and Cypress automation. Dedicated to delivering high-quality software solutions by implementing effective test strategies and ensuring adherence to quality standards.

EXPERIENCE

SportAI • The AI Platform for Racket Sports

FEB 2024 — PRESENT

QA Engineer • Cluj-Napoca, Romania

Wrote test cases for the AI analysis pipeline, checking endpoint stability and sanity of model outputs

Built a Python automation project from scratch that validated AI responses and ML calculations against ground-truth data for tennis and padel

Created a QA dashboard in Streamlit from the ground up to track test results, model accuracy, and system health

Tested mobile AI swing analysis features, focusing on accuracy, consistency, and real-world usage scenarios

Tested an LLM-based sports application to ensure outputs matched expected logic, prompts, and domain rules

Airtm • Digital wallet

DEC 2023 — FEB 2024

Security Engineer — QA Engineer • Cluj-Napoca, Romania

Security testing for a financial services platform, focusing on role-based access control, authentication, and API security to meet enterprise-level compliance standards

Performed penetration and integration testing to identify vulnerabilities such as SQL injection, XSS, LDAP issues, and API-level security gaps

Tested endpoints (payment APIs and GraphQL queries) to ensure encryption, secure authentication, and correct role permissions were enforced

BrightCheck • Real time safety verification

MAR 2024 — JAN 2024

QA Engineer • Cluj-Napoca

Built the API testing approach from scratch for BrightCheck, covering all core endpoints and making sure backend behavior matched what the frontend expected

Created and maintained API test plans and test cases to fully cover features, edge cases, and real-world data scenarios

Tested integrations with third-party systems like Endato, Cleara, and ID-Merit, focusing on accuracy, security, and compliance when handling sensitive user data

Automated API testing using Postman and built an end-to-end API validation suite in Python to verify data flow, API responses, and correct UI rendering across web and mobile apps

Validated LLM-generated statuses and categories



Automation Engineer • Cluj-Napoca, Romania

Designed the project setup for web automation with Cypress and JS

Automating UI tests to check dashboards, reports, and how financial data was displayed

Automating the sanity checks that made sure that the platform financial calculator was working correctly

Performing regression and edge case testing to keep the platform accurate

Automating the entire E2E flow

BetterQA

NOV 2020 — MAY 2022

Owlet • Baby Care platform**Quality Assurance Engineer • Cluj-Napoca, Romania**

Manual Testing: Conducted extensive manual testing for mobile applications using real devices and emulators, ensuring the software worked seamlessly across different platforms.

IoT Testing: Performed rigorous testing of interconnected devices to ensure they functioned well together, particularly focusing on smart devices and their integration with mobile apps.

Test Planning: Developed and maintained comprehensive test plans to systematically evaluate product features, ensuring all aspects of the application were thoroughly tested. The used tool was xRay.

API Testing: Utilized tools like Postman and Charles for testing and debugging APIs, ensuring smooth communication between different software components.

TOOLSET**PROGRAMMING LANGUAGES**

Python, JavaScript, TypeScript

API TESTING

Postman, REST APIs, API automation

MANUAL TESTING

Functional testing, Exploratory testing

SECURITY TESTING

RBAC testing, Penetration testing, Data security, Financial compliance

PERFORMANCE TESTING

Load testing, Stress testing

TEST MANAGEMENT

Test plans, Test strategy

METHODOLOGIES

Agile, Scrum

TEST AUTOMATION

Cypress, Playwright, Selenium, Pytest, Cucumber, BDD (Gherkin)

UI & E2E TESTING

UI testing, End-to-end testing

MOBILE TESTING

iOS testing, Android testing

AI / ML TESTING

Ground-truth validation, Prompt validation, LLM validation

CI / CD

Pipeline testing, YAML configuration

TEST MANAGEMENT TOOLS

Jira, Confluence, Xray

EDUCATION

Faculty of Electronics, Telecommunications and Information Technology, Technical University of Cluj-Napoca • 2019 — 2023 • Cluj-Napoca, Romania