

Eugen-Andrei Rof

Senior QA Automation Engineer | SDET

Professional Scrum Master (PSM II)

Cluj-Napoca, Romania • [Gmail](#) • [LinkedIn](#) • [GitHub](#)

PROFESSIONAL SUMMARY

Senior QA Engineer with over 14 years of experience designing and building test automation frameworks across web, mobile, and hardware platforms. I specialize in developing scalable test automation solutions using TypeScript, Cypress, and Playwright, integrated with CI/CD pipelines. Combining hands-on automation engineering with QA strategy and PSM II Scrum Master experience, I help teams improve software quality through Shift-Left testing, automation, and continuous delivery practices. My focus is on building maintainable automation, expanding test coverage, and enabling predictable, high-quality releases.

PROFESSIONAL EXPERIENCE

Senior QA Engineer | Scrum Master

QCatalyst Romania (Digital Velocity Group S.R.L.) — Cluj-Napoca | March 2022 – Present

- Led the end-to-end QA strategy and served as Scrum Master for a large-scale National Geographic Society digital platform, supporting a cross-functional team of 7 engineers in 3-week sprint cycles to maintain high availability for thousands of weekly users
- Built and maintained Cypress/TypeScript automation frameworks integrated into GitLab CI/CD, enabling continuous regression testing and accelerating release cycles, with full TestRail integration for real-time reporting
- Introduced performance testing with Grafana k6/JMeter (executed via Distributed Load Testing on AWS), and evaluated AI-assisted testing tools to expand edge-case detection and streamline automation maintenance
- Facilitated Scrum events, removed impediments, and optimized collaboration across cross-functional delivery teams

Senior Test Engineer

Endava Romania S.R.L. — Cluj-Napoca | November 2014 – March 2022

- Built Python-based BDD automation frameworks (PyTest, Behave) for high-traffic digital media and OTT platforms to expand test coverage, resulting in a 40% reduction in manual regression effort
- Directed testing for embedded and OTT systems (IPTV, Android TV, Fire TV) using real-device automation to verify cross-platform compatibility
- Validated APIs and managed defect tracking using Jira and Xray for a global payment gateway, ensuring requirement traceability and compliance
- Collaborated with international stakeholders within a 9-engineer Agile team, contributing to requirement refinement and presenting QA demonstrations during bi-weekly sprint reviews

QA Engineer

Gama Software S.R.L. — Cluj-Napoca | December 2013 – November 2014

- Executed functional and cross-platform testing for academic management web applications across desktop and mobile platforms (iOS, Android, Windows Phone) within an 8-engineer Agile team working in bi-weekly sprints
- Managed end-to-end QA cycles for medical education portals used by prominent Canadian universities, handling test planning, documentation, and client demonstrations

QA Test Analyst

Quantic Lab S.R.L. — Cluj-Napoca | January 2012 – December 2013

- Executed functional, compliance, and compatibility testing across web, mobile, and console platforms, including Nintendo, PlayStation, Xbox, PC, iOS, and Android
- Appointed as Test Lead for a PC project, managing a team of junior analysts across diverse hardware configurations and operating systems
- Designed and maintained test suites in Test Link, while managing defect tracking across Jira, Bugzilla and Mantis

PERSONAL PROJECTS & PORTFOLIO

[TC Chef](#) - AI-powered test case generator converting User Stories into CSV/Gherkin formats
[AI Selector Healer](#) - Utility using Gemini API and DOM snapshots to auto-repair broken Cypress/Playwright locators
[Sprint Capacity Planner](#) - Agile tool for tracking team velocity, holiday schedules, and capacity alerts
[PlayCynk](#) - Bidirectional migration utility for converting test suites between Cypress and Playwright
[AI WCAG Accessibility Auditor](#) - AI-driven tool for auditing and validating web accessibility compliance
[Sitemap Link Validator](#) - Real-time tool for validating XML sitemaps with automated HTTP status verification
[Personal Interactive CV](#) - Web-based career portfolio featuring live automation demos and technical dashboarding

TECHNICAL SKILLS

Automation & Frameworks: Cypress, Playwright, Appium, PyTest, Behave
Programming Languages: JavaScript, TypeScript, Python, SQL, HTML, CSS
CI/CD & DevOps: GitLab, GitHub Actions, Jenkins, Docker, Git
API & Performance: REST, Postman, k6, JMeter
Test Management: Jira, TestRail, Qase
UX & Design: Figma, Miro, Lucidchart
AI & Developer Productivity Tools: GitHub Copilot, ChatGPT, Claude (Anthropic), Google Gemini, Amazon Q Developer
Methodologies: Scrum, Kanban, SAFe, Waterfall

INDUSTRY EXPERIENCE

- **FinTech & Insurance:** Secure payment processing, transaction workflows, high-traffic systems
- **Non-Profit & Science:** Digital content platforms, QA lifecycle (National Geographic Society)
- **IPTV & Telecom:** Real-device automation for IPTV, Android TV, and Fire TV (Witbe Workbench)
- **Media & OTT:** Streaming platforms, UI performance, stability testing
- **Education/Healthcare:** Medical education portals, end-to-end QA
- **Gaming:** Cross-platform testing (Nintendo, PlayStation, Xbox, PC, iOS, Android)

EDUCATION

- **Master's Degree in Applied Informatics** | 2012 – 2014
Technical University of Cluj-Napoca - Faculty of Computer Science and Automation
- **Bachelor's Degree in Communication Sciences** | 2009 – 2012
Babeş-Bolyai University of Cluj-Napoca - Faculty of History and Philosophy

CERTIFICATIONS

Scrum.org:

- [Professional Scrum Master II \(PSM II\)](#)
- [Professional Scrum Master I \(PSM I\)](#)

International Software Test Institute:

- [Accredited Software Tester Certification \(ASTC\)](#)
- [Accredited Software Test Manager Certification \(ASTMC\)](#)

LANGUAGES

English: Full professional proficiency (C1/C2)
French: Elementary proficiency (A2)
German: Beginner (A1)