

Alexandrescu Adrian Bogdan

Senior QA Engineer | QA Automation | Python | SQL | API Testing | Selenium | Agile | CI/CD

Bucharest, Romania | +40 721 938 799 | bogdan.alexandrescu1993@gmail.com

Website: www.adrian-bogdan.com

Professional Summary

Senior QA Engineer 4+ years of QA experience in manual and automated testing, API validation, SQL/database testing, regression testing, Agile delivery, and test documentation, with exposure to CI/CD pipelines and data-heavy platforms. Experienced in designing and executing regression, functional, API, database, and end-to-end testing strategies for production systems. Strong background in Python automation, SQL validation, Selenium, Linux environments, AI/LLM tooling, and web technologies. Currently acting as the primary QA owner within an Agile cross-functional team, collaborating directly with developers, stakeholders, and clients to improve software quality, release stability, and testing efficiency.

Technical Skills

- **QA & Testing:** Manual Testing, Regression Testing, Functional Testing, Smoke Testing, Exploratory Testing, API Testing, End-to-End Testing, UAT Support, Bug Scrubbing, Test Case Design, Defect Lifecycle Management, Integration Testing, Backend Testing, Cross-browser Testing, Data Validation & Verification, Root Cause Analysis, Sanity Testing, Black-box Testing, System Testing, Acceptance Testing, Test Documentation
- **Automation & Development:** Python, Selenium, REST API Testing, REST Assured familiarity, SQL, HTML, CSS, JavaScript, Git, Bash, CMD, PowerShell, Java exposure, Test Automation Frameworks, Continuous Testing, OOP Concepts, JSON/XML Validation
- **Tools & Platforms:** Jira, ClickUp, Postman, Wireshark, Clumsy, Apache Superset, Ollama, Linux, Ubuntu, Raspberry Pi, Test Reporting Tools, Agile/Scrum Environments, DevTools, Swagger, Charles Proxy
- **Infrastructure & Security:** Self-hosted Servers, Basic Cybersecurity, Network Debugging, Database Validation, Log Analysis, AI/LLM Tooling, SEO, Google Ads, TCP/IP Basics, Server Monitoring
- **CI/CD:** GitLab CI/CD, Pipelines, SDLC, STLC, Agile, Scrum, Continuous Integration, Continuous Delivery, Version Control, Release Validation
- **Monitoring & Observability:** Log Monitoring, Error Tracking, Debugging, System Health Analysis, Performance Monitoring, Android Logcat, ADB (Android Debug Bridge), Mobile Log Analysis, APK Testing, Device Debugging.

Professional Experience

Senior QA Software Engineer – Tractor Set GO!

Jan 2023 – Present

- Act as the primary QA owner responsible for manual and automated testing activities across multiple software and gaming projects.
- Designed and executed regression, functional, exploratory, and end-to-end testing scenarios for production releases.
- Built Python automation tools using Selenium and custom scripting to reduce repetitive testing workflows.
- Performed API validation and backend data verification using SQL queries and database analysis techniques.
- Led bug scrubbing sessions, defect prioritization, and root cause analysis activities within Agile workflows.
- Collaborated directly with developers, stakeholders, and clients to identify defects and improve release quality.
- Managed issue tracking, QA documentation, and reporting using Jira and ClickUp.
- Worked extensively with Windows and Linux environments for debugging, troubleshooting, and automation execution.
- Supported cybersecurity improvements, exploit validation, and application stability testing.

QA Software Tester – Tractor Set GO!

Jan 2021 – Jan 2023

- Executed manual testing for software and gaming products across desktop and web platforms.
- Performed regression, smoke, functional, and exploratory testing for multiple releases.
- Created and maintained bug reports, testing documentation, and reproduction steps.
- Validated application behavior using SQL queries and backend verification techniques.
- Assisted developers with issue reproduction and root cause investigation.

Freelance Web Developer – Freelancer

2019 – 2021

- Designed and developed responsive websites using HTML, CSS, JavaScript, Python, and SQL technologies.
- Built dashboards and analytics systems using Apache Superset and database integrations.
- Developed and maintained octbe.com including backend integrations, SEO optimization, and hosting configuration.
- Managed Linux hosting environments and server deployments.

Technical Support Engineer – CGS

2017 – 2019

- Provided technical troubleshooting and customer support for telephony systems.
- Diagnosed technical issues and guided users through resolution processes.
- Developed strong communication and incident management skills.

Projects & Additional Experience

- Built multiple Python automation utilities using Selenium, Windows APIs, clipboard automation, and process monitoring frameworks.
- Worked with self-hosted LLM environments using Ollama and open-source AI models.
- Maintain Ubuntu servers and Raspberry Pi environments for self-hosted applications and automation services.
- Published game on Steam and participated in testing, debugging, and deployment activities.
- Experience with Wireshark, Clumsy, Git workflows, Linux terminal environments, and automation tooling.

Education

Business Management – Universitatea Creștină Dimitrie Cantemir

2015 – 2017

Certifications & Courses

- Python Programming Bootcamp
- SQL Fundamentals
- The Complete SQL Bootcamp
- QA Manual + Automation Testing Course
- ZTM Cybersecurity / Ethical Hacking Course
- ISTQB Foundation Level (Course Completed)