

## **George Petre – QA Engineer**

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### **Profile**

QA Engineer focused on scenario-driven and risk-based testing. When documentation is missing, I reconstruct requirements using domain heuristics and validate them through exploratory testing before formalizing test cases and automation. I prioritize clarity, maintainability, and real system behavior over assumptions.

### **Core Skills**

- Manual testing (UI, functional, regression)
- Test planning and test case design
- Exploratory, scenario-based, and risk-based testing
- Defect identification and structured bug reporting
- UI automation with Selenium and PyTest
- API testing (Postman, Python requests)
- Performance and load testing (JMeter)
- Cross-browser testing

### **Technical Stack**

Selenium WebDriver, PyTest, Python, Postman, Apache JMeter, GitHub Actions, Jenkins, SQL, Grafana, Git, Windows, Chrome, Firefox, Edge

### **Experience**

#### **QA Engineer – OpenCart Full Testing Project (Independent Project, 2025)**

Designed and executed a complete end-to-end testing cycle covering UI, admin panel, API, and performance testing.

Reconstructed functional requirements through exploratory testing where documentation was incomplete.

Created and executed manual test cases with clear pass/fail criteria and defect documentation.

Built UI automation frameworks using PyTest and Page Object Model.

Designed and executed API test flows using Postman and Python.

Planned and executed load, stress, and endurance tests using Apache JMeter.

Analysed system behaviour, bottlenecks, and environment limits, producing structured test reports.

#### **QA Tester – uTest (Project-based)**

Participated in structured external testing cycles for real-world applications.

Executed test instructions in live environments and reported defects using defined workflows.

Validated functionality across different configurations and usage scenarios.

### **Previous Experience**

Bar Manager – The Jacks Piano (2007–2015)

Machine Operator – Sharpak, Aylesham (2016–2022)

Self-Employed – Freelance testing and continuous self-directed learning

### **Certifications**

ISTQB Foundation Level, Python OOP (Cisco), Java Fundamentals, SQL Fundamentals, HTML and CSS Fundamentals

### **Education**

Open Study College (2023–2024)

SDA Academy (2022–2023)

Ion I.C. Brasov Technical College (1993–1997)

### **Languages**

English (Fluent), Romanian (Native)

**Additional Information**

Right to work in the UK | Full UK driving licence (Category B)