Michał Piękoś

QA Tech Lead, Senior QA Automation Developer, Testing Expert, Dev-Ops, Development Cost Optimization Specialist, Technical Recruiter

Profile

QA Developer with extensive experience in designing testing frameworks from scratch. Software Tester with a strong skill in creating testing strategies, test plans and constantly optimizing the testing processes. A strong believer in the power of teamwork (often co-evidencing this thesis), with maximum flexibility and motivation to get the job done. Huge fan of Domain-Driven Design and Shift-left. Sometimes Dev-Ops when needed.

Employment/Contract history

Senior QA Developer - self-employed (contracts with corporations)

June 2022 —

- **Siemens contract (Germany, Brasil):**
    - PLC Services (e.g. Modbus, OPC UA, S7) Development for a Data-Gateway in ECOMain system for the maritime industry
    - co-designing solutions implemented with .NET Core
    - Unit Tests, exploratory testing, documentation
    - C# .NET Core 8.0, Microsoft Visual Studio, Azure DevOps

- **4Chain contract (Poland, Switzerland)**:
    - Blockchain software testing based on Bitcoin BSV
    - Crypto Wallet mobile app testing – Appium, Pytest, Browserstack, The Go Land (backend maintenance for testing purposes)

- **Bank of Tokyo-Mitsubishi UFJ contract (Cyprus, Canada):**
    - development and implementation of an automation testing framework for a banking application.
    - Python/Pytest, SQL

- **Cloudpay Inc. contract (Great Britain):**
    - writing functional Automation Tests in Katalon/Groovy, Playwright/TypeScript, executing and investigating performance tests using Glowroot, and implementing a performance framework using JMeter. The project involved developing sophisticated payroll management applications

Personal info:

Nationality: **Polish**
Sometimes living in DR

+48 515 747 809
WhatsApp (same number)
piek.mike@yahoo.com

Links
My Portfolio: https://galak.tech

Skills

Exploratory Testing

Problem-Solving

Interpersonal Communication

Analytical Skills

Programming Skills

Languages

Polish – Native

English – C2

Spanish – B2

tools

Postman, Katalon, Cursor, Google Cloud, JetBrains tools, git, ChatGPT, Visual Studio, Jenkins, Linux/Unix, Jira, Azure DevOps

trainings
ISTQB, CCNA, Time Management

Interests and achievements

- 1st degree music school dipl.

- sea sailing license

- kickboxing trainer license

- instructor of Angolan and Latin dances (bachata, kizomba)

- **Idemia contract (France):**
  - developing and establishing a comprehensive testing framework for the RESTful API interface within a payment tokenization platform, using Java/Junit/Serenity-Rest. This platform facilitates secure transactions involving VISA cards, digital wallets, and other payment methods. The task involved maintaining the functionality of the existing solution built initially on Postman/JavaScript, while developing a new, highly adaptable solution that could easily be expanded and work synergistically with the system's developers

Senior QA Developer in IG Group (Poland, Great Britain)
November 2019 — June 2022

- co-creating of testing strategy, selection of technologies to create POC of first automation solutions, creation of test plan for new trading platform calculation engine, gaining expert knowledge in business intelligence
- creating automation frameworks from scratch for the core department using Java/TestNG and Python/Pytest.
- managing technical solutions and assuming DevOps responsibilities.
- meticulously documenting work processes.
- developing a comprehensive Way Of Working (WoW) for streamlined QA operations
- **technical and subject matter leading for members of the growing QA team**
- organizing meetings to control our progress so that we also do not deviate from the expectations of other teams and management, but also online forms of video chat integration to fill the gap of meetings over coffee when working remotely

Senior Software Developer in Ericsson Poland, Kraków
August 2018 — October 2019

- developing software for the transport layer of TCP/IP, specializing in LTE and 5G technologies using C/C++.
- developing automation tests with the Java/JCat framework, ensuring robust quality assurance.
- writing Python scripts for continuous integration and continuous deployment (CI/CD), driving efficiency improvements.
- collaborating closely with cross-functional teams to co-design and implement innovative new features

Senior Developer in Mint of Poland S.A., Kraków
October 2016 — December 2017

- developing a cashless payment system in C, C++ or C#. The systems on

Linux/Unix

- creating new software for metro ticket machines (embedded)
- managing integration and configuration, testing my own solution
- providing exceptional customer support, fostering positive relationships and ensuring seamless user experiences.

Software Developer in NOVOMATIC Group (Poland, Austria)
November 2008 — October 2016

- develop computer bet games using C/C++
- closely collaborating on every new product, balancing creativity with technical feasibility.
- **technical and subject matter leading for members of the growing (or rotating) team**
- rigorously evaluating quality, ensuring seamless gameplay experiences.
- develop robust automation tests in Python, tackling the complexities of game math, mechanics, and user interactions.

C++ developer in IGE+XAO Polska sp. z o.o., Kraków
December 2007 — October 2008

- developing an intricate CAD application for designing electrical installations, catering to international clients (e.g. Airbus, Northrop Grumman). Leveraged MS Visual C++ 6.0 (MFC) and MS Visual Basic, navigating graphical complexities.

QA Engineer in Comarch S.A., Kraków
August 2006 — November 2007

- creating test plans, documentation testing for a complex billing system, that physically consisting of three main modules, built sequentially as a core application (Unix), a database (Oracle) and a web application
- rigorously analyzing and testing the application functionalities (data-driven black-box testing), meticulously reporting bugs in Jira and the Test Manager system
- engaging in vital meetings with developers and the implementation department
- administering Oracle tasks crucial for preparing the test environment

🎓 Education

A Master of Science in Engineering, University of Science and Technology (AGH), Kraków
September 2001 — March 2006