CATALIN BABALAU

Performance Engineer

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SOCIAL

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EDUCATION

Web Development - Front End
Zero to Mastery Academy on Udemy
Feb 2021 - Jun 2021

Erasmus Mobility
SMK University of Applied Social Sciences, Vilnius Lithuania
Feb 2017 - Jun 2017

General Management
State University of Pitesti, Pitesti Romania
2015 - 2018

Math and Sciences track
"Moldovan-Finnish" High School, Chisinau Moldova
2013 - 2015

SKILLS

- LoadRunner
- JMeter
- TruClient
- DynaTrace
- Splunk
- DataDog
- JavaScript
- Html
- CSS
- Java
- Selenium
- Git

PROFILE

I am a young IT professional with a passion for programming, history, new technologies and economics. I characterize myself as an adaptable and open-minded person with good critical thinking skills.

I like problem-solving, and my mantra is that every problem has at least one solution.

EXPERIENCE

Performance Testing

June 2024 - Present [Full time]
Societe Generale Global Solution Centre
Bucharest, RO

I continue to apply and expand my expertise in performance testing, scripting, and results analysis by building upon prior experience to deliver robust system assessments in a new technical and organizational environment

- Designing and maintaining LoadRunner and JMeter scripts for comprehensive performance evaluation of the new and existing services and web apps.
- Collaborating cross-functionally to identify bottlenecks and optimize system throughput.
- Developed a JMeter script for the STOMP protocol to fill another gap in LoadRunner's protocol coverage, facilitating realistic message simulation and comprehensive performance assessment.
- Creating test scenarios and analyzing results for realistic, production-based validation

Performance Testing

September 2021 - May 2024 [Full time] | June 2024 - Present [Part time]
Raymond James Financial, Inc.
Florida, US

This experience highlights my proficiency in performance testing, scripting, results analysis, and collaboration within a team environment.

- Made comprehensive test scenarios and scripts using LoadRunner, specializing in HTTP/HTML and TruClient protocols, to evaluate the performance of both new and existing services based on the requirements from the PTQ.
- Troubleshot issues by utilizing DynaTrace to pinpoint errors, high response times, or other performance-related challenges, ensuring optimal system performance.
- Executed and monitored performance tests, meticulously analyzing LoadRunner results and leveraging DataDog metrics for in-depth insights into Memory, Disk and CPU consumption.
- Maintaining and redesigning old scripts, emphasizing clean and easily understandable code for enhanced efficiency.
- Developed JMeter scripts for the IBM MQ protocol to fill a gap in LoadRunner's protocol coverage, than integrating them into LoadRunner scenarios for real-world simulation and comprehensive performance assessment of systems utilizing the IBM MQ protocol.
- Collected and analyzed Prod metrics from Splunk, utilizing insights to refine and redesign performance tests when QA metrics deviated from production, ensuring alignment with real-world scenarios.
- Shared knowledge and facilitated the onboarding of new colleagues, providing comprehensive training and ongoing support until they were proficient in independently completing tasks from inception to completion.

QA Automation Internship

From Jun 2021 - Sep 2021 | Allied Testing

Chisinau, Moldova

- In-depth Java – training focused on best practices and technologies used in Test Automation frameworks (OOP, Design Patterns, Collections, Annotations, Generics)
- Software Testing introduction including practical tasks from QA Manual & QA Automation
- UI automation (Selenium)
- Web Services automation (TestNG)

Lifeguard

From Jun 2016 - Oct 2016 | High Sierra Pools Inc.

Washington DC, USA

oGCDP crew member (Volunteering)

From Nov 2015 – May 2016 | AIESEC

Pitesti, Romania

LANGUAGES

- Romanian (native)
- Russian (B2 - C1)
- Ukrainian (A2)
- English (C1)
- Spanish (A2)

INTERESTS

Running

Travel

Cycling

Code

Photography

Books