Mihai Serdean
Expert QA Automation Engineer

SUMMARY

Mihai Serdean is a software engineer with 17 years of experience in IT software and QA. He is currently working as a freelancer in software quality assurance and is part of various freelance networks such as Toptal, Upper, Expertlead, and WorkGenius. Mihai has expertise in test automation, performance testing, and using tools such as Selenium WebDriver, Cypress, JMeter, and Postman. He is skilled in multiple programming languages including Java, JavaScript, TypeScript, Python, and .Net. Mihai has a strong background in computer science, holding both a Master's and Bachelor's degree from Universitatea "Babeș-Bolyai" din Cluj-Napoca. He has experience in implementing QA strategies, managing QA teams, and improving QA processes. Mihai has worked with various companies and has a track record of delivering high-quality software solutions.

TECHNICAL SKILLS

Main Technical Skills	Test Automation (17 yr.)
QA, Test Automation, Security	API testing, Appium, Automated testing, Cypress, e2e testing, JMeter, K6, Manual and Automation Testing, Mobile automation testing iOS, Performance Testing (17 yr.), Postman, QA, QA Automation, QA Functional/Automation Testing, Selenium, Selenium Webdriver (17 yr.), UI automation tests, WebdriverIO
SDK / API and Integrations	API testing
Other Technical Skills	Manual and Automation Testing, Mobile automation testing iOS, QA processes, UI automation

WORK EXPERIENCE

Senior QA Automation Engineer, Freelancer

Duration: April 2022 - Present

Summary:

Software QA Test Automation

Web Test Automation

Mobile Test Automation

API Test Automation

Performance Testing

Selenium WebDriver

Cypress

WebDriver.io

WebDriver.js

Appium

JMeter

Postman

BrowserStack

SauceLabs

Java, JavaScript, TypeScript, Python, .Net

Skills: Test Automation · Performance Testing · Selenium WebDriver · Selenium · WebDriver · JMeter · Java · Performance Tuning · Load Testing · Software Quality Assurance · Testing · Test Strategy · Linux · ISTQB · Shell Scripting · Test Management · Quality Assurance · Automation · Non-functional Testing · System Administration · Programming · System Testing · Test Tools · Python · SoapUI

Head Of QA, QA Department

Duration: July 2015 - April 2022

Summary: Implemented QA Strategy and processes, continuous improvements, strategic thinking and planning, leading and directing the QA Department (~50 people), implemented Test Strategy, provided expertise throughout the entire product development life cycle, building QA teams, managing the function and direction of the QA teams, personal Development Plan strategy and system for QA Department, sub departments: Mobile Android/iOS Automation Testers, Web Automation Testers, Performance Testers, Security Testers, Test Leads, Test Managers, ensuring the success of the team's manual and automation efforts, define the optimal solution for each platform

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Software QA Consultancy, Owner

Duration: November 2011 - March 2022

Summary: Software QA Consultancy, Automated Functional and Performance Software Testing, Tools: Selenium WebDriver, Appium, JMeter, ZAP and others, focused on Performance Testing, Improvements, Tuning and Functional Test Automation

Responsibilities: Software QA Consultancy, Automated Functional and Performance Software Testing, focused on Performance Testing, Improvements, Tuning and Functional Test Automation

Technologies: Selenium WebDriver, Appium, JMeter, ZAP

Performance Test Automation, Small company

Duration: February 2011 - September 2018

Summary: Performance Test Automation, Functional Test Automation, JMeter, Selenium Webdriver, Selenium RC, AutoIt, Shell scripting

Responsibilities: Performance Test Automation, Functional Test Automation

Technologies: JMeter, Selenium Webdriver, Selenium RC, AutoIt, Shell scripting

QA Test Manager, Evozon

Duration: November 2011 - March 2016

Summary: QA Test Manager

Responsibilities: QA Test Manager

Performance Test Engineer, Hubbr

Duration: August 2015 - February 2016

Summary: Performance Test Engineer

Responsibilities: Performance Test Engineer

Performance Test Lead, Nokia

Duration: January 2011 - November 2011

Summary: Test Automation Engineer, Performance Tester, Performance Analyst, Team Lead

Responsibilities: Testing, performance testing, team leading, acting as scrum master, coaching, ISTQB practitioner, responsible for handling a team of software testers and developers, hired new people for the department, developed new testing strategies, scrum agile, maintained good communication with team members and project managers, made recommendations on software performance improvements, increased software performance and scalability by performance testing and performance tuning, experience with multiple test tools, test automation and bug tracking tools, able to train, plan, organize, lead and motivate, Linux presentations, performance presentations, network and system administration and monitoring, server and database performance optimization, testing, functional, load, stress, volume, performance testing, virtualization technologies, shell scripting, python scripting

Duration: January 2010 - January 2011

Summary: Software Engineer - Performance Testing

Responsibilities: Testing, Functional, Load, Stress, Volume, Performance Testing

System Administrator and Developer, SimpliQ

Duration: February 2006 - January 2010

Summary: System Administrator and Developer

Responsibilities: System administration in a datacenter, hosting, web hosting company, dedicate servers, virtual private servers, multiple operating systems, multiple databases, customer applications, network administration, customer technical support, multiple virtualization technologies, software development, multiple programming languages, scripting languages, multiple IDE, abuse technician, managing and resolving abuse issues like spam, denial of service, copyright, fraud, phishing, scam

EDUCATION

- **Universitatea „Babeș-Bolyai" din Cluj-Napoca**
- Computer Science IT Software
- Master of Science MSc, 2008 - 2010
- **Universitatea „Babeș-Bolyai" din Cluj-Napoca**
- Computer Science IT Software
- Bachelor's Degree, 2005 - 2008

CERTIFICATION

- **ISTQB**
- Honors-Awards ISTQB