

Contact

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Top Skills

GitHub Actions

docker

IT Service Management

Languages

English (Full Professional)

French (Limited Working)

Spanish (Elementary)

Romanian (Native or Bilingual)

Certifications

Symphony Certified Associate Developer

Learning Vim

Learning Linux Command Line

Fred Kofman on Making Commitments

Python 3: Deep Dive (Part 1)

Nicolae CHEDEA

Problem solver, interested in software quality and infrastructure.
Timiș, Romania

Summary

Since I began my professional career more than 15 years ago, I had various roles - from developer to tester to devops, from team player to team leader. I am flexible about the role, but passionate about software in general and in particular about software quality, infrastructure and automation.

Experience

Latch

QA Tech Lead

October 2024 - Present (3 months)

Timișoara, Timiș, Romania

Responsible with software quality.

Involved in manual and automated testing (Python based framework) for mobile apps and IoT devices.

Nokia

Senior DevOps Engineer

June 2022 - September 2024 (2 years 4 months)

Timișoara, Timiș, Romania

I had a mixed role, about 50% technical tasks and 50% managerial tasks. For the technical part I am maintaining and developing new features for Nokia's variant of Zuul - a project gating system. Some of the responsibilities can be found below:

- maintenance support for active users and debugging of reported issues - using mostly Shell scripting, Python and Gerrit
- development of new features (using mostly Python)
- development of new tests (using RobotFramework and Shell Scripting)
- create or edit existing CIs for the service using Jenkins, JCasC, Groovy and Shell scripting
- create or edit deployments - using Docker and Kubernetes

My managerial roles, in addition to the technical ones were:

- scrum master for a small development team (4 engineers and 2 students)

- secondary service manager for a service used by several thousands developers
- secondary tool manager
- local product owner

In these roles I got to influence the product roadmap and lead the local team towards achieving the goals set in it.

I also had a chance to interact with other service managers and end users representatives and make an impact at a more global level inside Nokia.

LITRIGE

ISTQB trainer

July 2023 - October 2023 (4 months)

Timișoara, Timiș, Romania

Cognizant Softvision

QA Automation Team Lead

May 2018 - June 2022 (4 years 2 months)

Timișoara

- lead a team of qa automation engineers spread in multiple locations working for a fintech client
- write UI automation tests for a desktop application using RobotFramework, Python and Pywinauto
- automate backend actions using Python, REST API and Google Protobuf
- write tests that run distributed, including on Citrix VDI
- improve the testing framework
- coordinate automation testing for a web application using Protractor and JavaScript
- hold ISTQB workshops for colleagues trying to get Foundation Level certification
- technical interviewer for the QA community - held hundreds of interviews both face to face and online and mentored new interviewers to get familiar with the interview process

Yazaki Component Technology

8 years 3 months

Software Validation Team Leader

January 2016 - May 2018 (2 years 5 months)

Timișoara

- Lead a team of 9 engineers working on 3 projects: PSA modular instrument cluster, PSA LVNSD battery switch and JLR x250 body control module.
- on the LVNSD project I am involved from the beginning in all testing related activities (requirements clarification, test setup, test design, test run, sw release)
- Actively involved in selecting new candidates and outsourcing companies for the software validation group.
- Trying to enhance software testing knowledge among students by taking part in the summer practice program at Yazaki and teaching a software testing laboratory at the Polytechnic University in Timișoara.
- Mentor for a diploma project with the subject proposed by me.

Software Validation Engineer

March 2010 - January 2016 (5 years 11 months)

Timișoara

PSA modular instrument cluster (2014 - present):

- Lead the testing team (maximum team size about 20 people, current size 8 people) until October 2016
- Test planning (together with the lead software engineer) and tracking. No delays due to validation team since planning started
- Took part in all the test reviews that were done on the project
- collaborated with the sw tools team to improve the testing tools
- Took part in one customer audit
- 3 business trip at the customer's site
- between 2014 and 2016 I was also sw requirements engineer for the project
- Took steps to increase test automation
- Involved in selecting an external outsourcing company for validation
- Train and mentor new colleagues

VCC P1MCA instrument cluster (2012 - 2014)

- Lead a team of maximum 4 people
- Involved in various improvement activities (e.g. tested the internally developed test system)
- Train new colleagues on the project
- Together with the sw tools team created the first automated tests (for telltales, gauges, buzzer, menu, power supply)

V3P VMCU, FRC, DACU, BBM (2011-2012):

- The only test engineer to test 4 body controllers, software was for internal use only

- Assisted the hardware and product validation teams for several hardware related tests

PSA T88 instrument cluster for the chinese market (2011):

- lead test engineer for a team of 2 engineers
- Test planning, test creation and test execution
- I did the software releases
- Keep track of the bugs and discuss them with the external supplier which wrote the software
- Clarify the requirements with the OEM

PSA A9 instrument cluster(march 2010 - present):

- create or update validation tests for almost all the modules of the project
- tests were developed using an in house tool (the output was similar to the one of Vector TAE)
- take part in peer reviews
- test the test tool
- support for the factory to improve their manufacturing tests
- support for the factory to answer customer claims
- one business trip to the customer

Continental

Software Developer

March 2008 - December 2009 (1 year 10 months)

Timișoara

- write application software for all the stepper motors module in embedded C
- create unit test cases for the developed modules
- automate testcases using Cantata
- generate documentation using Doxygen and also write documentation manually for each module
- take part in reviews for other colleagues
- in order to verify my work I had to use measurement equipment like oscilloscopes, power supplies, signal generators, signal amplifiers

Education

Universitatea "Politehnica" Timisoara

MSc, Automotive Embedded Software · (2009 - 2011)

Universitatea "Politehnica" Timisoara

