

VALENTIN MUȘOIU

Software engineer

@ valentin.musoiu@gmail.com

📍 Ploiești, RO

🔗 iqltd

🌐 iqltd

📅 25 November 1987



"Software engineer with an extensive experience and a healthy amount of self-doubt"

EXPERIENCE

Backend engineer

EMQ Inc.

📅 July 2017 – Ongoing

📍 Taipei, TW/Remote

Building and maintaining a resilient backend for a fast-growing international remittance company.

Things I am proud of:

- The resilience of our product (I witnessed 100-fold growth in traffic with no notable downtimes)
- Maturing into a polyglot programmer (writing code in Erlang, Python, Go, JavaScript)
- Being the first remote developer in the company (creating the path for the others who followed)
- Taking my productivity to the next level with Emacs.

Notable projects:

- maintenance and evolution of the ledger system and integration with external accounting system
- design and implementation of a live balance subsystem and profit and loss projection report for the treasury team
- triggering payments from Facebook messenger

Erlang Python Flask Django FastAPI SQLAlchemy
Go JavaScript React PostgreSQL Docker AWS

Software Engineer

Commerz Systems GmbH

📅 May 2016 – Jan 2017

📍 Prague, CZ

Development, in a Scrum team, of a workflow-based application for the account opening process used inside Germany's second largest bank.

Things I am proud of:

- Swift ramp-up, managing to become a respected contributor to the team in the first month
- Implementing a configuration-driven business rule engine
- Contributing SoapUI projects to streamline manual testing on the staging platform for devs

Projects:

- Front End and Back End development
- Integration with internal systems
- Integration with 3rd party AML service

Java JSF Javascript Spring Boot Hibernate Oracle DB
Tomcat Websphere

SKILLS

Erlang Python Go Java COBOL

PostgreSQL Docker AWS

Git Emacs bash tmux

EDUCATION

MS Economic Informatics

University of Economic Studies Bucharest

📅 Oct 2009 - July 2011

BS Economic Cybernetics

University of Economic Studies Bucharest

📅 Oct 2006 - July 2009

PHILOSOPHY

"Simple is better than complex."

LANGUAGES

English ● ● ● ● ●

Italian ● ● ● ● ●

French ● ● ● ● ●

Romanian ● ● ● ● ●

EXPERIENCE (CONT.)

Software Engineer

Gemalto (now Thales)

July 2014 – Apr 2016

Prague, CZ

I worked on several Telco projects, in close collaboration with teams from France, the Americas and Asia.

Things I am proud of:

- Building a continuous integration infrastructure for our application.
- Informally leading a team of 4 for a 3-months project.
- Building (in a solo project) the back end for a service with 85%+ test coverage.
- Kept my sanity after working on a project where bash was used as a programming language.

Notable projects:

- Customization of the flagship OTA (Over-the-Air) subscription management platform for one of the global Telco leaders
- Customization of a solution for Mobile Network Operators (written in PHP, C and bash) for worldwide customers

Java

JSF

EJB

JPA

Oracle DB

MySQL

Weblogic

bash

C

PHP

Application Developer

IBM Global Delivery Center Eastern Europe

July 2008 – June 2014

Bucharest, RO

I worked on several banking projects, in close collaboration with functional analysts from Western Europe.

Things I am proud of:

- Growing from an intern to a lead developer.
- Transitioning to Java development from COBOL development.
- Contributing to the implementation of CMMI level 5 processes on our team.

Notable projects:

- maintenance of a core banking software solution (written in COBOL) used by several European banks
- development of a core banking software solution in Java for a large Italian bank
- development of a workflow-based solution for a leading German bank

Java

JSF

EJB

JPA

COBOL

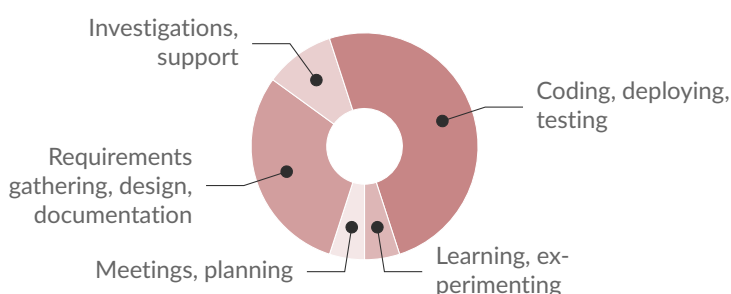
DB2

Oracle DB

iSeries

Oracle BPM

AN AVERAGE SPRINT



MOST PROUD OF



Team player

Established myself as a confident, enthusiastic and effective team member, having experience leading as well as following.



Polyglot programmer

Comfortable writing code in different programming languages, understanding that each has its own merits, especially by casting a new light on the problems.



Touch typer

Using the mouse less and less, leveraging the productivity offered by the terminal, Emacs and my Moonlander split keyboard.



Cosmopolitan

Lived on 3 continents and worked with people from 5 continents.



Daddy

Having my mind blown away everyday by a sweet curious and very inquisitive little boy I have the pleasure of calling "son".



Hobbyist film-maker

Director and/or editor of several amateur short film productions, including the recipient of the Jameson Done in 60 Seconds first prize for the Romanian stage in 2012.