

# 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 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 MySQL

### 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:

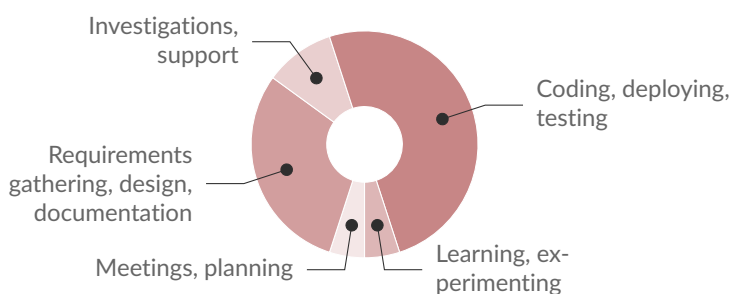
- Growing from an intern to a lead developer.
- Transitioning to Java development from COBOL development.
- Contributing to the implementation of CMMI level 5 processes on our team.

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.