Vlad Olaru

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SUMMARY

Software engineer with 10 years of experience building robust backend systems and full-stack applications. Skilled in **Java**, **Kotlin**, **Angular** and **Spring** framework, with expertise in **microservices** and **cloud platforms** (GCP, Azure). A collaborative and adaptable developer who enjoys solving complex problems, mentoring teammates and turning ideas into reliable software.

WORK EXPERIENCE

Software engineer | **Aeris** Jan 2024 - January 2025

Contributing to the completion of a large microservice-based application for a global automobile manufacturer. This platform integrates connected vehicles with the manufacturer's systems, enabling remote commands, map updates, and data synchronization. Among other things, I worked on:

- Handling secure data ingestion for vehicles, processing encrypted zip files to enable certificate-based secure communication
- Synchronizing databases across multiple regions to maintain consistency and availability
- Managing synchronous and asynchronous communication for data flow coordination between services

Technologies: Java, Spring, GCP

Software engineer | **Arnia Software** Jun 2022 — Dec 2023

Worked on a suite of B2B applications for an energy company in Germany, developing features for energy trading, consumption tracking, and data analysis. Key work involved:

- Creating reliable data flows for energy-related information and core business logic
- Collaborating on API designs to ensure smooth integration within enterprise systems

Technologies: Kotlin/Spring Boot, Angular, Azure

Software engineer | **Ammeon/Intive** Jun 2021 — Jun 2022

As a full stack engineer, I worked on maintaining/improving an internal application portal which acted as an "infrastructure as a service" for a multinational networking and telecommunications company.
Technologies: Kotlin, Spring Boot, Angular, Azure

Technical Team Lead | **Connections Technologies** Jul 2020 — Jun 2021

Coordinating the team to deliver the applications that the customer needs using Agile methodologies, doing my best to get some coding done as well during the day.

- Delivering a big microservices projects for a telecommunications company that handles several business flows, integrating the new microservices and platform with their existing ecosystem
- A platform built and designed from scratch by our team which put in contact companies that wanted to do POSM/marketing with different freelancers who could accept and work on such "missions"

Software Developer | **Connections Technologies** May 2019 — Jul 2020

Working on different applications either in a team or by myself as a full-stack developer:

- platform for a telecommunications company that handles different business flows using Java, Spring, Angular and a microservices architecture
- facility management platform that handles ticketing cases, written in Kotlin, Spring, Angular
- oauth2 server and endpoints to allow clients to more easily integrate with the romanian banks that have exposed their APIs based on the PSD2 standard
- an app for the government, which managed city hall's organization flows and helped schools receive fruits/vegetables by different producer/distributors from the county

Technologies: Kotlin/Java, Spring Boot, Angular

Dev Engineer | **ING Tech** Apr 2016 — May 2019

- Wholesale Banking department - built a REST API that was used to expose an application which was used for supply chain finance logic and started rewriting parts of that application from Legacy code to Java/Spring
- Security department - build APIs (REST, TCP, JMS) as a middle layer in a fraud detection flow. Also built components as means of authentication/authorization for ING Group's several applications as part of the main security tribe/flows

Technologies: Java, Spring, Cucumber, Kafka, Gatling/Scala

Junior Software Engineer | **Mindit Software** May 2015 — Mar 2016

Developed web applications for different clients and learnt the basics of Java/Spring and some frontend development with whatever tools were "in fashion" back then (jQuery/CoffeeScript, SCSS, Grunt)

Internship | **Fotonation** Jul 2015 — Aug 2015

I have participated in the intern ramp-up that Fotonation held for their interns. During these two months, we were taught by senior employees the basics of image programming, through 4 different modules: image processing, photography, C code optimization and machine learning.

EDUCATION

High School Sep 2010 — May 2014 *"Vasile Alecsandri" National College*

Bachelor's Degree Oct 2014 — May 2018 *The Faculty of Mathematics and Computer Science*

LANGUAGES

Romanian - native
English - certified C1
German - B1-B2(self-assessed)

HOBBIES

- sports: I try to get to the gym or to bouldering as often as I can to compensate for all the time spent sitting
- music: I practice guitar and enjoy improving on this hobby
- fiction literature
- boardgames, video games, RPGs, miniature painting