

# 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

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

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

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

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

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

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

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

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.

The main projects I have been focusing on are:

- 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"

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

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

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

As a Dev Engineer in ING Tech, I have worked in two different departments on different projects:

- 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

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

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)

## **Fotonation** Jul 2015 — Aug 2015 *Internship*

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 2015 *"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