

COSTIN ONCIOIU



Contact

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Location:

Cluj, Romania(Europe)

Languages

English – C2

Tech Skills

✓ Backend:

- Java Core, Spring Framework, Spring Boot
- Spring Security, JWT, OAuth2
- Hibernate, JPA, Spring Data
- REST, HATEOAS
- PostgreSQL, MySQL, Liquibase, Flyway
- JUnit, Mockito

✓ Cloud:

- AWS, Lambda, S3, SQS, EventBridge, Ec2, CloudWatch

✓ Other:

- Maven, Git, Bitbucket, Jira
- SonarQube, Jenkins, Docker
- Microservices Architecture, Layered Architecture, Event-driven Architecture
- Design Patterns, SOLID Principles, Clean Code, KISS

✓ Also have some Frontend skills:

- Angular, TypeScript
- Angular Material, Bootstrap
- HTML, CSS, Javascript, jQuery

Summary

I'm a Senior Java developer/engineer with 6 years of hands-on software development and experience collaborating with worldwide companies. My expertise includes all layers of the development process from database design and business logic to front-end software implementation and deployment. Easily integrable in any team, I played an important role throughout my career helping my teams deliver high quality, future proof software products.

Experience

Java Developer - 12/2021 – present (~1 year, 6 months)

Coherent Solutions, remote, contractor

Working for a leading company in the advertising industry, the project was providing measurements for marketing campaigns across all types of platforms(TV, Digital, Mobile) but also measurements for network/publisher owners.

My job as a Java developer is to create the business logic that helps configure client advertising campaigns and also aggregates data coming from the data team into reports and exposes them to UI team. Our team created a high-performing business layer, that exposed big loads of data, after applying all the required business logic to it.

While working on this project, alongside my team I managed to :

- Create a business layer from 0, including various microservices, and use AWS to facilitate communication between them.
- Create a wrapper over company SSO, that added additional security to our project and enabled authentication and authorization through it.
- Enhance the performance of the application, so the responses are fast even though the data loads are huge.
- Actively participating in designing architecture for this project, including creation of the domain model, splitting business logic between different microservices, designing lambdas, analyzing and optimizing the dataflow
- I was owner of different parts of project, so I was responsible of improving, solving problems and helping other teammates/teams interact with them

⚙️ **Tech stack:** Java, Spring, JPA/Hibernate, AWS, Prometheus, Flyway, Jenkins, Microservices, Docker, SQL(Postgres), OAuth 2, PgCron

Fullstack Java Developer - 10/2020 – 12/2020 (~1 year, 2 months)

Jouve International, Cluj-Napoca, Romania

Being involved in design, development and maintenance of a software system, developed for leading company in area of financial reports and proxy statements. My job is to participate on development of a platform that resembles google sheets, but with a lot of custom features, that also provides the capability to manage the involved resources (projects, clients, worker allocation etc.).

- Developed new features and extended existing ones
- Analyzed client requirements and delivered best quality for their needs
- Splitted monolith into microservices
- Built authentication and authorization of application
- Adjusted application to enhance its performance
- Took interviews with newcomers and integrated them into the team
- Performed backend work, but also involved in some frontend development

⚙️ **Main tech stack:** java 11, Spring (Springboot, web, security, core, mvc, aop ...), JPA&Hibernate, Angular 10 (Typescript+html+css), Angular Material, Git, Jenkins, SonarQube, Sql databases

Fullstack Java Developer - 10/2018 – 10/2020 (~2 years)

Artsoft Consult, Cluj-Napoca, Romania

- Have been involved in development of b2b software that was used by leading global telecommunication companies. My job was to design, develop and maintain software system components that work on large scale giving fast and efficient responses.
- I have also been working on multiple projects for one of the biggest manufacturers of agricultural, construction and forestry machines, contributing on building their resource management platform and also to a connector interface that served for payment, billing, stocks and established connection between a variety of their shops.
- This project had a lot of old code that did parallel processing, so one of my tasks was to optimize this and I managed to increase efficiency and also readability/predictability of those parts of the application that were doing parallel computing in an inefficient way

⚙️ **Tech stack:** Java, Spring (Core, MVC, Security, Web, AOP, Data, SpringBoot), Maven, Relational DBs (PostgresSql, DB2, H2), AWS, Microservices, Axon Framework (event driven messaging), Docker, ActiveMQ, JPA+Hibernate, Angular(2+), AngularJs, Javascript, HTML+CSS+Bootstrap, Code quality tools (such as Greylog, Veracode, SonarQube), Active MQ, Okta security

Software Engineer - 04/2018 – 10/2018 (~7 months)

Micro Focus (formerly HP / Hewlett Packard Enterprise), Cluj-Napoca, Romania

- I've worked on a platform for full server management (thousands of servers). My role was to integrate new OS's with the system and to improve old components and to develop new ones.

⚙️ **The stack of used technologies included Python, Java, VM's, network protocols, Operating Systems, Networking, and SVN. We were working in an Agile manner.**

Web developer- 09/2017 – 04/2018 (~8 months)

TSS-YONDER, Cluj-Napoca, Romania

- Been involved in development of a huge management platform for employee management of schools and utility companies. My job was to implement features based on requirement analyst, clarify/confirm requirements with the customer.

⚙️ **Worked with the following technologies:** Angular 4, Typescript, HTML&CSS, JavaScript, HTTP, Redux pattern, ngrx, Material design, NodeJs, Git

Android intern- 07/2017 – 08/2017 (~2 months)

HALCYON MOBILE, Cluj-Napoca, Romania

Java intern- 05/2017 – 06/2018 (~2 months)

HALCYON MOBILE, Cluj-Napoca, Romania

Education

October 2018 – June 2020

Master in Software Engineering, Faculty of Mathematics and Informatics, Babes-Bolyai University of Cluj-Napoca
Dissertation Thesis: Event-Driven Microservices with CQRS and Event Sourcing

October 2015 - July 2018

Bachelor in Computer Science, Faculty of Mathematics and Informatics, Babes-Bolyai University of Cluj-Napoca
Bachelor Thesis: Cross platform mobile faculty timetable using cloud web scrapping