

### *Engineering Team Lead*

since July 2019

Sellics | Amazon Marketplace Analytics | Berlin, Germany

**Leading** a team of backend and frontend engineers, qa and product. **Building** systems with Java/SpringBoot on the backend, React on the frontend in a terraform managed AWS infrastructure.

**Owning** several microservices throughout the entire life cycle: plan/design ⇒ develop/run ⇒ monitor/maintain.

**Collaborating** with different departments and stakeholders throughout the organization: gathering/clarifying requirements, proposing solutions, creating POCs, demos, presentations and gathering early feedback. Maintaining and **splitting an existing monolith**, step by step migrating it towards a microservice architecture.

**Improving performance** of existing systems and overall quality by introducing test automation, refactoring techniques, code quality standards, upgrading libraries and technologies.

Integrating with inhouse or external systems and APIs. Building data pipelines with AWS Glue, DynamoDB, Athena, EventBridge, Sqs/Sns.

**Automating infrastructure** with terraform. Configuring CI/CD systems: Travis/Jenkins -> GithubActions, Git, Maven, AWS ECS.

**Technologies:** Java8/11, SpringBoot, AWS, Terraform, Linux, Docker, Postgresql, MySQL

### *Senior Java Developer / Team Lead*

February 2016 - June 2019

Friendsurance | Insuretech | Berlin, Germany

3 year 4 months

Worked together with, and lead, a team of devs, qa, devops and product owner, in a polyglot (Java, Python, Ruby etc.), international, distributed and agile environment. Took **ownership** of projects: plan/design ⇒ develop/run ⇒ monitor/maintain. **Collaborated** with different departments and stakeholders: gather and clarify requirements, propose solutions, POCs/demos and gather early feedback.

**Developed** backend automation of backoffice processes: Java, Spring, Hibernate, Lucene. Integrated with inhouse and external systems: REST/SOAP/RPC. Automated infrastructure with AWS Cloud Formation, Python and Ansible. Configured CI/CD systems: Jenkins, Git, Maven, AWS CodeDeploy. **Improved** quality by defining standards, code reviews, static analysis systems, test automation and refactoring. Introduced new technologies: AWS serverless services (Lambda, Athena, SQS), HibernateSearch. Took over an external project (JS/React frontend, Ruby backend and Python for machine learning) and integrated it into our organization.

**Technologies:** Java8, Spring, Hibernate, AWS, Linux, Docker, Postgresql

### *Senior Java Developer*

September 2011 - January 2016

Quadratek | Health care, clinical trials e-solution | Berlin, Germany

4 year 5 months

Worked in an international, agile team. Developed new modules while maintaining and improving existing ones. Modernized and modularized systems (**OSGI**, SpringDM, Apache Virgo). Introduced new technologies (Hibernate Search, Spring Batch, BirtReports). Built and maintained various **integration** platforms (Apache Camel, Spring Integration, **REST** - Apache CXF). Developed a light mobile client (HTML5, AngularJS and Ionic). Developed different levels of **test automation** (JUnit, Mockito, Rest-Assured, Selenium, Jasmine-Karma-Protractor). Developed a system for managing and migrating the entire ClinCase ecosystem from a windows based to a linux hosting environment. Improved the agile process: CI/CD, pull-requests & code review, task & documentation management (Jira, Confluence).

**Technologies:** Java(6-7-8), Spring, GWT, SWT, Eclipse Platform, Windows ⇒ **Linux**, Maven, git, Docker, Tomcat, Shell scripting, Oracle, MySQL

## Java Developer

Small Footprint, Inc. | Public safety, computer aided dispatch system | Cluj Napoca, Romania

February 2010 – September 2011

1 year 8 months

Worked as a developer in a large, highly experienced, distributed, international team. Developed new modules and maintained existing systems in an agile process using Scrum. Communicated and interacted with the team in Romania and US, clients and other stakeholders.

**Technologies:** OSGI, SpringDM, JMS, Hibernate, GWT, SWT, Eclipse, GIT, Ant, TeamCity, JIRA, Linux, Windows, PostgreSQL, MsSQL, Oracle

## Junior Developer ⇔ Java Developer

ISDC | e-Health platform | Cluj Napoca, Romania

June 2007 – February 2010

2 years 9 months

Key role in an agile team of initially 3 members, which later on grew to more than 10. Built new modules, maintained existing ones and integrated with external systems. Improved the design of the existing system by modularization and introduction of new technologies like OpenESB, LifeRay or CAS. Improved the system by upgrading from EJB2 to EJB3. Took part in the full life-cycle of the development process, from requirements analysis, design, and coding, to unit and integration testing. Maintained close contact with dutch customers. Handled release and version management.

**Technologies:** EJB, Spring WebFlow, Web Services, JSF, JavaScript, jQuery, CSS, JUnit, EJB3Unit, JasperReports, CAS, Maven, SVN, JBoss, MSSQL, PostgreSQL

---

## M.S. in Computer Science

2008 - 2010

Babes-Bolyai University Cluj-Napoca Romania

**Distributed Systems in Internet | While working full time as a Java Developer**

## B.S. in Computer Science

2005 - 2008

Babes-Bolyai University Cluj-Napoca Romania

**Final grade: 9.86 (out of 10). Rank: 3 (out of 61) | Final year working full time as a Java Developer**

## SCJP Professional Certification

2008

Sun Certified Java Programmer

## GOF Design Patterns - Phare training

2008

ISDC Cluj-Napoca Romania

## ISDC Academy - Agile Java Development

March 2007 - June 2007

ISDC Cluj-Napoca Romania

**Training in Java light-weight technologies: Spring, AJAX; Hibernate, Web Services, TDD**

## Achievements during studies

2004 - 2008

Microsoft's Imagine Cup 2007 and 2006 - Software Design, national finalist

Informatics Olympiad 2004, National finalist

Mathematics Olympiad 2002 and 2005, National finalist, 3rd prize

## Languages

**English :** fluent C2

**Romanian :** native

**German :** intermediate B2

**French :** beginner A1

---