# FLAVIU CICIO

SENIOR JAVA/AWS CLOUD ARCHITECT • CONTRACTOR • FREELANCER

## CONTACT

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## SKILLS

### BACKEND

| | |
|---|---|
| Java | 6 years |
| Spring | 6 years |
| Microservices | 6 years |
| Hibernate | 6 years |
| RabbitMQ | 3 years |
| Kafka | 3 years |
| PostgreSQL | 4 years |
| MySQL | 4 years |
| MongoDB | 4 years |
| Apache Flink | 2 years |

### DEVOPS

| | |
|---|---|
| AWS | 3 years |
| Docker | 3 years |
| Kubernetes | 3 years |
| Linux | 3 years |

### SOFTWARE ARCHITECTURE

| | |
|---|---|
| Microservice Architecture | 6 years |
| Event-Driven Architecture | 6 years |
| Domain-Driven Design | 4 years |

## EDUCATION

**Babeș-Bolyai University,**

Bachelor in Computer Science,
Cluj-Napoca, 2013 – 2016

## ABOUT ME

I am a senior Java/AWS Cloud Architect with **6+ years of experience**, only interested in remote work.

I help different companies, all around the world, design and implement software solutions.

Do you think my expertise could help your organization? Here I am!

## MOST RELEVANT WORK EXPERIENCE

### Senior Java Engineer
*RWS Language Cloud*

Apr 2021 - Nov 2022

The client, a world-leading provider of language services, risked losing a significant amount of clients due to the lack of a self-service reporting module for their translation management system.

- **Increased decision-making efficiency for 20k+ clients** by implementing a near real-time reporting service able to process over 2M events/second.
- **Increased event processing performance with at least 80%** by applying optimizations on the aggregation strategies and the state management.

Skills: Java 11, Spring Boot, Kafka, Apache Flink, OData, PostgreSQL, MySQL, MongoDB, JUnit, Sonar, AWS, Streaming Data Architecture, Agile-Kanban

### Senior Java Fullstack Engineer
*Glofox*

Aug 2020 - May 2021

The client, an all-in-one software solution for fitness businesses, was dealing with low customer satisfaction and was struggling to onboard new clients, due to performance issues and slow implementation of new customer requirements.

- **Increased the scalability and performance of the platform by at least 50%** by implementing a highly scalable solution based on an event-driven architecture.
- **Increased implementation speed of new customer requirements** by applying domain-driven design principles and patterns.

Skills: Java 11, Spring-Boot, Docker, AWS, PostgreSQL, MongoDB, React.js, JUnit, Mockito, Event-Driven Architecture, Domain-Driven Design, Agile-Scrum

### Senior Java Fullstack Engineer
*PharmaTrace*

March 2020 - Dec 2020

The client, active in the healthcare industry, was falling behind schedule on implementing their Track&Trace platform due to poor communication and slow feature implementation.

- **Improved deployment to production time by at least 60%** by implementing a CI/CD pipeline and by increasing the unit test coverage.
- **Increased team productivity by 30%** by applying design patterns and redesigning the project's architecture.

Skills: Java 11, Kotlin, Go, Spring-Cloud, AWS, Kubernetes, Docker, GitLab CI, Kafka, MySQL, React.js

**Senior Java Engineer**                                    Feb 2019 - Feb 2020

*SecurEdge Cloud*

The client, a Network as a Service platform that enables businesses to consume enterprise-grade networking as a utility, was losing clients due to the lack of a cloud-based platform that provides businesses with a suite of network monitoring and business intelligence software.

- **Improved the Wi-Fi network efficiency for over 30 institutions** from the USA, that are successfully using the platform, by implementing a reliable and fast backend.

- **Gathered over 50 TB of data from 150 monitoring devices** by implementing a Wi-Fi network management service and a network testing scheduling service that pushes data to a non-relational database.

Skills: Java 11, Spring-Boot, Hibernate, Morphia, MySQL, MongoDB, Linux, Bash, Docker, Microservice Architecture


**Senior Java Engineer**                                    Jul 2016 - Feb 2019

*DaiVB*

The client, active in the automotive industry, was struggling with low customer satisfaction and was losing a large amount of money on operational costs due to using a legacy monolith platform hard to maintain or refactor.

- **Reduced communication latency from 3s to 500ms** of the platform by changing the communication protocol from HTTP to MQTT.

- **Reduced infrastructure costs of the platform by 50%** and achieved high scalability and availability by migrating to an event-driven microservice architecture.

Skills: Java 8, Spring-Cloud, Hibernate, RabbitMQ, Jenkins, REST APIs, PostgreSQL, JUnit, Mockito, Event-Driven Microservice Architecture, Agile-Scrum