Java Fullstack Developer · Contractor · Freelancer

👤 ABOUT ME

I'm a Java Fullstack Developer and Senior AWS Certified Solution Architect with **10+ years of experience** and deep expertise in the **e-commerce, automotive** and **healthcare** industries, keen to support enterprises of all sizes on their digital journey.

I'm a **Tech Lead** who combines passion, skills, and experience to drive engineering teams to build the best digital products for businesses worldwide.

Do you need a dedicated and skilled engineer for your business? **Let's connect!**

💼 MOST RELEVANT WORK EXPERIENCE

● Senior Solution Architect   Mercedes-Benz.io, 2022 - 2024

The client, a leader in car manufacturing, was facing challenges in meeting their online sales objectives due to a missing solution architect able to lead the transition from the existing legacy online shop solution to a new micro-frontend oriented solution that seamlessly integrates with the enterprise content management system.

- **Contributed to the increase of over 500% in online sales leads** by migrating 30+ markets worldwide towards a micro-frontend architecture integrated with AEM by keeping close communication lines with stakeholders and leading the development of required functionality using Vue.js Web Components, AEM, and AWS.
- **Ensured 100% of stakeholder satisfaction**, by leading the development of required change requests and new features, by streamlining the development process, clearing technical and functional requirements and providing to the product team clear directions on how to implement the required change requests.
- **Enabled reaching 25% of online vehicle sales** by migrating the commerce backend to a microservice architecture, by re-designing the frontend architecture and APIs, applying DDD practices, and modularizing the components to allow a smooth transition from the legacy to the new solution while both were running in production.

Skills: Vue,js,UML, REST, SOLID, AEM, AWS, DataDog, Kubernetes, Akamai, Kafka, Web Components, Java 17, Spring Boot, DDD, SEO, SAFe

● Senior Java Developer   GetYourGuide, 2021 – 2022

The client, a global online tourism e-commerce leader, was risking missing the project delivery deadline, due to lacking experienced personnel to support the transition phase on the backend team.

- **Ensured a 100% smooth migration to the new service-oriented architecture** by reducing the workload for the existing backend engineers, implementing new features and delivering them to production by using Java 17, Spring Boot, Kafka, and Elasticsearch.
- **Contributed to the API response times improvement**, by identifying heavy database requests and then optimizing those specific queries by using Kibana for log analysis and Java, Spring Boot, and Elasticsearch to fix the root cause.

Skills: Java 17, Spring Boot, Kafka, Elasticsearch, Gradle, JUnit, Docker, Kubernetes, Kibana, Datalog, Sentry

● Senior Java Fullstack Developer | Solution Architect   Cerner, 2018 – 2021

The client, an important healthcare industry leader, was faced with a serious loss in market share due to not delivering client requests and improvements on time because of the current on-premise solution used.

- **Ensured 100% client retention** by leading the design and delivery of a scalable, cloud-native multi-tenant solution using Java 11, Spring Boot, and Cloud Foundry and by successfully migrating from SAP UI5 to React.js, demonstrating React's feasibility in the SAP ecosystem through extensive research.
- **Assured more than 2 times better code quality results** by redesigning complex functionalities of both frontend and backend modules by applying the SOLID principles, introducing design patterns and layered architecture.

Skills: Java 11, Spring Boot, Spring Security, JPA / Hibernate, Maven, JUnit, SAP HANA, Cloud Foundry, React.js, Typescript, SOA, Jenkins, Open API, UML, DDD

⚙ SKILLS

Backend

Java & Spring	10 years
Hibernate/JPA	7 years
PostgreSQL, MongoDB	7 years
AWS, Docker, Kubernetes	6 years
Node.js, NestJS	6 years
Elasticsearch	4 years
Kafka	2 years

Frontend

Javascript, Typescript	6 years
Adobe Experience Manager (AEM)	2 years
Angular, React.js, Vue.js	4 years

Architecture

Domain-Driven Design	6 years
Microservices & Micro Frontends	6 years
Cloud-based Architecture	6 years
REST & Event-based APIs modeling	6 years
UML	8 years
Design Principles: SOLID, YAGNI, KISS	8 years
Scaled Agile Framework (SAFe)	2 years

Industry Experience

Automotive	7 years
E-Commerce	3 years
Healthcare	3 years

🌐 LANGUAGES

English	Advanced
German	Advanced
Romanian	Native

🎓 EDUCATION

Transilvania University
PhD in Computer Science
Brasov - Romania, 2017 - 2020

Transilvania University
Master in Internet Technologies in E-Business
Brasov - Romania, 2015 - 2017

Transilvania & Carl von Ossietzky University
Bachelor in Applied Informatics
Brasov - Romania & Oldenburg - Germany, 2012 - 2015

Senior Angular & Node Fullstack Engineer | Tech Lead

The client, a Dutch UI/UX design startup developing a new cloud-based design tool, was unable to advance in the development process due to a missing reliable, flexible, and highly skilled engineer able to further lead the development of the solution.

- **Increased with 80% the UI/UX design speed** for mobile applications by designing a cloud solution and implementing a highly intuitive Angular web interface and a highly available backend service using NestJS, MongoDB and AWS
- **Increased by more than 5 times the development speed**, by designing a framework to easily integrate new mobile UI components, through the implementation of a complex state management system and reusable components in the Angular project.

Skills: Angular 8+, TypeScript, SCSS, NPM, Bootstrap, Material UI, NestJS, MongoDB

Senior Angular Developer
Annut, 2020

The client, an UI/UX design agency, was under a significant amount of pressure regarding the incoming project requests due to lacking experienced frontend development expertise to meet the client's demands.

- **Increased the value of the feedback coming from application validation and A/B testing processes x2**, by delivering progressive web applications developed in Angular 8+ with Ionic, integrated with WAX blockchain and secured with Firebase authentication.
- **Ensured 100% foreseeable costs for the new change requests**, by designing future proof frontend applications by respecting the coding best practices and considering the SOLID principles while designing and implementing the functionality.

Skills: Angular 8+, TypeScript, SCSS, NPM, Bootstrap, Material UI, Ionic, PWA

Senior Java Developer
Intech, 2016 – 2018

The client, activating in the automotive industry, was struggling to minimize the current financial losses of the car testing process due to lacking of an experienced software engineer able to design a software solution for this purpose.

- **Assured 20% savings within the first 6 months** by designing a solution that automates the auditing process of the test reports by implementing robust backend services in Java with Spring Boot and PostgreSQL and build a highly intuitive web interface in Angular 2+.
- **Dropped 3 times the integration time of new clients**, by designing a highly flexible database schema by using the JSONB functionality available in PostgreSQL.

Skills: Java 8, Spring boot, Spring Security, Dependency Injection, PostgreSQL, JUnit, Gradle, Docker, Angular 2+, PrimeNG, Apache POI, JIRA, Bitbucket, Open API

Java Developer
NTT Data, 2014 – 2016

The client, activating in the automotive industry, was struggling to follow the projects road map, due to a missing German-speaking engineer with strong technical skills in Java and OOP in the team to swiftly take responsibility.

- **Assured 100% product availability** by, keeping the solution up-to-date and fixing production critical bugs by using Java, Eclipse RCP framework to implement new functionalities and memory profiling tools to identify the root cause of bugs.
- **Assured high-level client satisfaction** by keeping a startling communication line with the project managers from Germany, by regularly discussing business requirements and taking the responsibility for onboarding new engineers into the team.

Skills: Java 7, Eclipse RCP, SWT, Spring Boot, SAP, SVN, Design Patterns, Jenkins, OOP