

Alexandr Z.

Lead Engineer / Software Architect

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Professional summary

Lead Engineer and Software Architect with 18+ years of experience delivering enterprise software across automation, logistics, WMS and its migrations and integrations, telecommunications and fintech domains. Specialized in Java, Spring Boot, distributed systems, microservices and software architecture with strength in architecture design, technical leadership, mentoring and stakeholder collaboration. Alexandr has solid experience working with TCP|IP protocols in the field of its configuration and troubleshooting of network connectivity, packet flows analysis, communication issues solving between systems and ensuring reliable and secure data transmission across enterprise and cloud environments. Recognized as a trusted technical advisor and engineering reference point, raising software quality through architecture reviews, engineering standards, clean code practices and pragmatic technical decision-making. Actively leveraging AI-assisted engineering practices to accelerate architecture design, development, code review, refactoring, debugging, documentation and technical research.

Education

Technical University of Moldova

Bachelor's degree in Engineering, Computer Science & Foreign Languages

Skills

Java • OOP • Spring Boot • Spring Framework • Spring MVC • Spring Data • Hibernate • JPA • Apache Camel • REST APIs • TCP/IP • WebSocket • Microservices • Kafka • ActiveMQ • PostgreSQL • Redis • H2 • SQL • React • Vue.js • Angular • JavaScript • Docker • Jenkins • Maven • Git • CI/CD • Agile • Scrum • Kanban • SOLID • DRY • KISS • Jira

AI & GenAI

Cursor • Claude • ChatGPT • Context7 • MCP • NIA • Prompt Engineering • AI-assisted Development • AI-assisted Code Review • Aiassisted Refactoring & Debugging • LLM-assisted Architecture Design • RAG • AI Agents • Function / Tool Calling • OpenAI & Claude APIs • Vector Databases • GenAI Integration Patterns

Company	**Godspeed Dev**
Domain	Telecom & Fintech Platform | eSIM / MVNO
Period	Dec 2025 – Jun 2026
Role	Lead Engineer / Solutions Architect
Technologies	Java 21, Spring Boot, Kafka, PostgreSQL, Redis, React, Kotlin / Kotlin Multiplatform, Docker, CI/CD

Responsibilities

- Expanded an existing eSIM platform with MVNO capabilities spanning customer onboarding, telecom operations, payments and customer management;
- Delivered integrations with KYC, identity verification and financial service platforms including Sumsub, Regula, Wirex, Crossmint and Odoo;
- Contributed to architecture and implementation decisions across an ecosystem of 11 microservices;
- Implemented and evaluated migration to an alternative eSIM provider, supporting business assessment of infrastructure options;
- Worked across backend, frontend, mobile and DevOps within a telecom and fintech environment;
- Introduced AI-assisted engineering workflows (Cursor, Claude, ChatGPT) to improve development productivity and delivery speed.

Company	**SOPRIS S.R.L.**
Project	A platform for handling state tenders in the German market
Domain	Public sector & Procurement
Period	Aug 2023 - Dec 2025
Role	Lead Engineer / Solutions Architect
Technologies	Java, Spring Boot, PostgreSQL, Docker, CI/CD, Microservices

Responsibilities

- Defined and maintained solution architecture across company initiatives, improving consistency, maintainability and long-term scalability;
- Established coding standards, architectural principles and best practices adopted across the team;
- Served as the primary technical advisor for architecture decisions, solution design and complex technical challenges;
- Led architecture reviews, technical design discussions and proof-of-concept initiatives for new technologies;
- Raised engineering quality through mentoring, code reviews, clean code practices and DevOps discipline, improved CI/CD processes for greater delivery consistency;
- Collaborated with product managers, business analysts and architects to translate business needs into scalable technical solutions.

Company	**Inther Group**
Domain	Enterprise Warehouse Management System
Period	Jan 2015 – Feb 2023
Role	Senior Java Developer / Technical Lead
Technologies	Java, Spring Boot, PostgreSQL, Angular, Vue.js, Docker, Jenkins, CI/CD

Responsibilities

- Implemented and maintained features in a large-scale Warehouse Management System; developed monolith and microservice applications;
- Designed and implemented deployment and rollback tooling for production releases, improving reliability and operational confidence;
- Developed warehouse visualization solutions including 3D warehouse representation and 2D conveyor layout in Angular; built a web interface in Vue.js;
- Migrated and maintained the CI environment on Docker;
- Implemented Agile/SCRUM with a distributed team across countries; organized SCRUM events and helped with estimation and sprint planning;
- Coordinated internship projects and mentored interns; mentored kids at a company IT summer camp; visited clients onsite for development and testing.

Company	**Meta-Sistem**
Domain	Enterprise Software & Business Automation
Period	Jan 2008 – Jan 2015
Role	Senior Programmer / Developer Expert
Technologies	1C Enterprise, SQL, Business Process Automation

Responsibilities

- Automated company workflows on the 1C "Enterprise" platform (versions 7.7 / 8.1 / 8.2);
- Developed non-standard configurations and database structures for company needs; introduced new products;
- Installed, configured, and administered standard and non-standard 1C configurations;
- Wrote instructions and technical documentation; provided customer support; tested and trained new employees.