# Roman Z.
# Senior Java Full-Stack Engineer / Team Lead / Architect

## SUMMARY

- Java lead developer with 11+ years of complete circle engineering, development teams management, and architecture design. - Full-Stack Development Proficiency covering frontend technologies like AngularJS, Angular 11, ReactJS, and backend technologies including Java 8-14, Spring Boot, Hibernate, and more. - Proven Expertise in architecture design, system migration, and refactoring, enhancing performance and maintainability. - Specialized in RESTful APIs, designing, implementing, and optimizing high-performance APIs to facilitate seamless integration. - Successful Project Delivery, including Internet banking systems, contract management platforms, legal aid services, and ISP monitoring systems. - Strong Database Management Skills, with experience in PostgreSQL, OracleDB, HBase, Hadoop, and MongoDB. - 7+ years of experience as a Lead Engineer, leading teams of 10+ developers - 5+ years of experience as an Architect - Upper-intermediate English

## TECHNICAL SKILLS

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| **Main Technical Skills** | Java, Angular |
| **Programming Languages** | Java, JavaScript, Objective-C, TypeScript |
| **JavaScript Frameworks** | Angular, jQuery, React |
| **Scala Libraries and Tools** | Clojure, Leiningen |
| **JavaScript Libraries and Tools** | ES6 |
| **Java Frameworks** | Hibernate, Spring, Spring Boot |
| **Java Libraries and Tools** | JPA, JSF, Lombok, MapStruct, Spring IoC |
| **Data Analysis and Visualization Technologies** | Apache ZooKeeper, HBase |
| **Databases & Management Systems / ORM** | Flyway, Hibernate, Liquibase, Oracle Database, PostgreSQL, TSDB |
| **UI Frameworks, Libraries, and Browsers** | CSS, HTML5, jQuery, Primefaces |
| **Cloud Platforms, Services & Computing** | AWS |
| **Amazon Web Services** | AWS SQS |
| **iOS Libraries and Tools** | AFNetworking, Core Graphics |

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| **Methodologies, Paradigms and Patterns** | AOP, MVC |
| **QA, Test Automation, Security** | Apache Maven, Selenium Webdriver |
| **Version Control** | BitBucket, Git, GitLab, SVN |
| **Virtualization, Containers and Orchestration** | Docker |
| **Deployment, CI/CD & Administration** | Gradle, SonarQube, TeamCity |
| **Operating Systems** | iOS |
| **Web/App Servers, Middleware** | JBoss |
| **Mail / Network Protocols / Data transfer** | JWT, SNMP, WebRTC, WebSockets |
| **SDK / API and Integrations** | JWT |
| **Other Technical Skills** | Boot, Kurento, Lumberjack, MagicalRecord, RichFaces, Vavr |

## EXPERIENCE

### Lead Full-Stack Developer, UC Management Platform

March 2022 – August 2023

Enterprise UC Lifecycle Management SaaS solution that automates simplifies, and streamlines provisioning, taking the load off the support team and enabling users to manage unified communications on their own.

I was leading the team, and our responsibilities were related to the migration of the current implementation. For this purpose, we had to reorganize the current project structure, refactor most of the existing functionality and build a fast-working application. Also, with project growth, we had to look into new integrations and develop Zoom, and MS Teams branches

**Team size:** 15 Developers

**Technologies and Tools:** Java 8, Spring Boot/Data/MVC/Cloud, Angular 11, PostgreSQL, Docker, Maven, Hibernate, Flyway, Git, Bitbucket, Jenkins, Artifactory, SonarQube, Zoom API, MS Graph API, UI automation tools, Selenium WebDriver, CUCM, SOAP

### Lead Full-Stack Developer, Deal Management Platform

January 2022 – November 2022

The platform is built to simplify the way operators can manage multiple accounts, contracts, and discounts. It provides the powerful automation system necessary to process contract details with lightning speed and high-level accuracy: from simulation to settlement, it keeps you focused on what drives the best results for the business.

I was leading the team, and our responsibilities were mainly related to the migration of the current implementation. For this purpose, we had to reorganize the current project structure, refactor most of the existing functionality and build a fast-working application.

**Team size:** 10 Developers

**Technologies and Tools:** Javascript, Typescript, AngularJS, Angular 11, HTML5, CSS3, Sass, Java 11, Spring Boot, Oracle, PostgreSQL Internet Banking S

### Lead Full-Stack Developer, Internet Banking System

April 2021 - March 2022

**Description:** Creation of an Internet banking system from scratch for a big bank. Basic functionality includes bank account management, secure third-party account payments, recurring
payments, chat with support, and more.

My responsibility included a visiting manager microservice, DTO, model, and services implementation, database migration scripts, Rest API implementation, integration with document exchanging system, Spock + Groovy unit testing, code review, and team-leading.

**Team size:** 10 Developers

**Technologies:** Java 8, Spring Boot/Data/MVC/Cloud, Angular 7, OracleDB, D3, Docker, Maven, Hibernate, Liquibase, Lombok, MapStruct, Vavr, JWT, Git, Bitbucket, TeamCity, SonarQube

### Lead Full-Stack Developer, Architect, Legal Aid Service

January 2020 - March 2021

**Description:** This platform connects people with professional lawyers allowing them to get consultations, share documents, and receive qualified aid online. For more convenient interaction were implemented chats, audio, and video calls.

An important part of my job was related to architecture design and team leading. Also, I was involved in DTO, mode and services implementation, database migration scripts, Rest API implementation, creation of a custom signaling server for webRTC calls, implementation notification system with different delivery channels (email, SMS, WebSocket), CI scripts configuration, unit testing, and code review.

**Team size:** 6 Developers

**Technologies:** Java 14, PostgreSQL, Maven, Hibernate, Flyway, Lombok, MapStruct, Spring Boot/Data/MVC/AOP/WebSocket, JWT, Kurento, WebRTC, ReactJS, TypeScript, Git, GitLab, Docker

### Lead Full-Stack Developer, Architect, ISP Monitoring System

July 2016 - December 2019

**Description:** Software and hardware system that supports a full range of technologies and measurement metrics integrated into a single system of all SLA parameters monitoring and

enables the conflict settlement between providers and consumers of communications services based on modern approaches to service quality management.

My top responsibilities were architecture design and team leading. We provided a wide range of services like refactoring of complex components/services separated into simpler ones, a variety of data collecting modules implementation (collects data from external sources via HTTP, FTP, SNMP, and sends to a central server via JMS, HTTP), creation of data migration tool from one TSDB storage to another with ability to enrich metadata, implemented notification system with different delivery channels (email, SMS, WebSocket), LDAP authentication integration, multiple report print forms implementation, Android & iOS app development participation, and bug fixing.

**Team size:** 16 Developers

**Technologies:** Java 11, Spring 5, Hibernate 5, HBase, Hadoop, PostgreSQL, Maven, JSF, RichFaces, CSS, JavaScript, Angular 7, JBoss, SNMP, SVN, TeamCity, Zookeeper, TSDB Network

### Senior Back-End Developer, Scanning Tool

March 2014 - June 2016

**Description:** This is an application for scanning networks to access government-banned resources. It is used to check ISPs for compliance with restrictions, where I participated in new feature development and project support.

For this project, I implemented a remote software update scheduler for probes, a dashboard with different charts to display statistics data, a user settings model, an optimized data aggregating process, and a similarity analyzer based on the w-shingling algorithm, and I helped with Android & iOS app development.

**Team size:** 6 Developers

**Technologies:** Java 8, Hibernate, Spring Boot, JavaScript, OracleDB, JSF

### Back-End Developer, Telecom Statistics System

February 2012 - February 2014

**Description:** The system collects statistics from the website and its own mobile applications, as well as from mobile applications and third-party Smart TV applications. Such measurement results are absolutely legitimate, and aggregated data is transmitted to regulatory authorities and
telecom operators for appropriate action.

During the project, I was mostly focused on the implementation of Rest API for data receiving and Data Aggregator.

**Team size:** 10 Developers

**Technologies:** Java 7, Hibernate, Spring, Gradle, PostgreSQL, MongoDB