



# Ivan I.

Solution Architect / Lead Java developer



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## Professional summary

Solution Architect / Lead Java developer with 7.5+ years of experience in software development. Proactive and self-motivated team member. Has strong analytical, problem-solving and interpersonal skills. Always tries to improve knowledge of modern technologies and apply the gained skills in practice.

Has Upper-Intermediate written and spoken English and Intermediate level of German.

## Education

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute".  
Qualification awarded: Master's Degree in Information and Telecommunication Networks.

## Industries

Enterprise, FinTech, Travel, Healthcare, Information Services, Technology, Telecom

## Technologies and tools

- Java 8/11/12, JavaScript
- Spring stack, Hibernate, Liquibase, AngularJS, Bootstrap, jQuery, Netflix OSS
- Oracle, MySQL, MongoDB, PostgreSQL
- Websockets, Serverless, Docker, ELK stack (Elasticsearch, Kibana, Logstash), Kubernetes, Ansible, Terraform
- GCP, AWS, Microsoft Azure
- Kafka (Server, Streams, Connect), Spark, Zookeeper, Solr, RabbitMQ, Hazelcast
- REST, OpenAPI, gRPC
- Mockito, JUnit
- Git, SVN

# PROJECTS

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## Project for the mobile company Duration: 01.2021 – till now

A project for the company that focuses on intelligent infrastructure for buildings and decentralized energy systems, on automation and digitalization in the process and manufacturing industries, and on smart mobility solutions for rail and road transport.

### Team

12 specialists

### Position

Solution Architect

### Responsibilities

- Application architecture development
- Designing solutions to develop
- Creating technical documentation for reference and reporting
- Refactoring and updating of existing code

### Technologies and tools

- C#, .NET Core, JavaScript, React, Azure Cloud (AKS, Redis, PostgreSQL, API Gateway, Monitoring, DevOps, Repos), SOA architecture approach

# Sports betting aggregator

Duration: 08.2020 – 01.2021

The Client provides marketing and sales services, as well as payment services in Germany and abroad. The company is engaged in acquisition and management of domestic and foreign investments.

## Team

25 specialists

## Position

Solution Architect

## Responsibilities

- Application architecture development
- Maintained documentation of the project
- Code review of team members
- Performed analysis
- Stabilization

## Technologies and tools

- Java, Spring (Boot, Boot Actuator, Security, Data, Cloud Security, Cloud Sleuth, Cloud Feign Client, WebFlux), Vaadin, Liquibase, LogBack, MySQL Percona, RabbitMQ, Memcached, Hazelcast, JUnit, Maven

# Project for the travel company

Duration: 01.2020 – 08.2020

The company drives the digitalization of the global travel industry. Travelers around the globe search and book their dream holiday via the company's unique technology. Leading international tour operators, airlines and hotel providers rely on the firm's solutions for leisure travel distribution. The team connects providers such as TUI, Thomas Cook, and Lufthansa to digital global players like Google, Facebook, Kayak, and Trivago. The company fast growing network comprises about 300 travel brands in about 35 markets.

## Team

8 specialists

## Position

Solution Architect

## Responsibilities

- Developed new features and components
- Developed application architecture
- Maintained documentation of the project
- Deployed the complex set of microservices
- Performed analysis
- Code review
- Stabilization

## Technologies and tools

- Java 6/7/8/11, Spring Core, Spring Boot (1.\*/2.\*), Spring Web, Hibernate, MariaDB, MySQL, MongoDB, ELK stack, Fluent Bit, FluentD, Docker, Kubernetes, Rancher, Kafka, Kafka Connect, Kafka Streams, Cloud Storage, Firestore Cloud, Git

# System for the dental company

Duration: 07.2019 – 01.2020

The customer is the owner of dental clinic business. In everyday life he has to deal with a great quantity of numbers. It takes a lot time and efforts to organize, track and work with it, while awareness of the financial is crucial for business owners. The situation is complicated by different resources of the information to track and absence of the single customized and user-friendly application for work.

The goal of the team is to gather all the necessary functions to control the numbers, help in analysis of the income and expenses, which will be useful for the business owner; provide integration with banks, credit cards and dental software.

## Team

7 specialists

## Position

Solution Architect

## Responsibilities

- Developed application architecture
- Developed new features and components
- Performed analysis
- Code review
- Stabilization
- Created technical documentation for reference and reporting

## Technologies and tools

- Java 11, Spring Cloud, Spring Boot, Spring Security, TypeScript, PostgreSQL, AWS (RDS, CodeDeploy, EC2, SQS, S3)

# Medical system

Duration: 08.2018 – 06.2019

The project is an electronic medical record for the urgent care and primary care, which includes clinical, billing, and analytics capabilities. The product will be used in non-hospital-based urgent care clinics.

The main aim of the product is to help the clients of the urgent care and primary care clinics to collect all the patients' medical data in one place. It will help to provide or to receive better and faster medical aid within the Wellow Health partner clinics.

## Team

13 specialists

## Position

Solution Architect / Lead Java developer

## Responsibilities

- Conducted code review
- Performed the system design
- Implemented new features
- Developed the application architecture
- Created technical documentation for reference and reporting
- Stabilization

## Technologies and tools

- Java 11, Spring (Boot, Data, Security, Cloud, Actuator), TypeScript, React Native, Liquibase, AWS (Aurora, S3, KMS, Fargate, Cognito)

# App for the software company

Duration: 02.2018 – 07.2018

A global company established in 2008 to address a growing void in the area of independent software testing and quality assurance for enterprise customers. The company's rapid growth is a result of proven success across multiple industries, such as finance, insurance, telecom, retail, e-commerce and software engineering.

## Team

12 specialists

## Position

Lead Java developer

## Responsibilities

- Conducted code review
- Developed new modules
- Troubleshoot, involving software debug/upgrade process
- Devised possible solutions to anticipated problems
- Evaluated and improved the program effectiveness
- Stabilization
- Support

## Technologies and tools

- Java, Spring Boot (Security, Cache, Rest Hetaos, Data), JPA, Hazelcast, AWS SDK (SQS, S3, Credential, RDS, DynamoDB)

# Searching system

Duration: 10.2017 – 02.2018

A system maintains an identical copy of every letter ever sent or received by your users and turns this data into a useful repository for everyday use. Experts created a powerful tool, launched a simple search in the repository, able to instantly find e-mail and the letter you need.

## Team

20 specialists

## Position

Senior Java developer

## Responsibilities

- Developed new features and components
- Conducted code review
- Troubleshoot, involving software debug/upgrade process
- Created technical documentation for reference and reporting
- Analyzed the performance
- Stabilization

## Technologies and tools

- Java, Spring (Data, Security, Cloud), TypeScript, Websockets, Serverless, Docker, Docker Swarm, Hadoop (HDFS), Hive, Kafka, Spark, Zookeeper, Solr (SolrCloud), Lucene, AWS (S3, EC2, ECS, RDS, ASG, ElasticCache, IAM CloudWatch)



# System of terminals

Duration: 03.2017 – 10.2017

The Russian leading long-distance telephony provider. In every region of Russia, provider acts as a “carriers’ carrier” – interconnecting all local public operators' networks into a single national network for long-distance service. The team has developed the system of terminals for sellers with the ability to track sales, payment of various services and goods.

## Team

15 specialists

## Position

Senior Java developer

## Responsibilities

- Implemented new features
- Verified and deployed the system components
- Worked with microservices
- Utilized Docker for optimization of deployment process
- Worked with a distributed system and modules
- Conducted code review
- Stabilization

## Technologies and tools

- Java, Hibernate, JavaScript, AngularJS, Bootstrap, jQuery, Oracle, Docker, Maven, Apache Tomcat, RabbitMQ, REST, JUnit, XML

# Information system

Duration: 05.2016 – 03.2017

Development of the system which covers events, performance and inventory and retains the information together. If anything occurs in the environment, the service is going to recognize it.

## Team

20 specialists

## Position

Java developer

## Responsibilities

- Participated in system architecture development
- Implemented new features
- Worked on Scrum
- Developed core modules
- Evaluated and improved the program effectiveness
- Created technical documentation for reference and reporting
- Conducted refactoring
- Stabilization

## Technologies and tools

- Java, Spring Boot, Hibernate, JavaScript, AngularJS, Bootstrap, jQuery, Apache Cassandra, MySQL, Maven, REST API, Apache Tomcat, Mockito, HTML5, XML

# System for pet owners

Duration: 10.2014 – 05.2016

The main goal of this project is to provide health-related data of the puppy to the user. The project that is closely connected with an Internet of Things and Big Data. The project consisted of the 4 main modules (feeder, collar, bowl, bed). All this 4 modules were provided with a number of sensors, that collected data and transmitted to the Cloud. Then we have analyzed that data and transmitted to the user.

## Team

27 specialists

## Position

Java developer

## Responsibilities

- Collected data from different sources and sent to the cloud
- Analyzed the metadata and form the scheme of the database
- Processed data and analyzed them
- REST API development (client and server side)
- Provided data to the bank of knowledge to the Kyiv city administration

## Technologies and tools

- Java, Spring, Hibernate, JavaScript, C#, .NET, ASP.NET, ASP.NET MVC, Android SDK, MS SQL, PostgreSQL, Azure Cloud Services (IoT Hub, Stream Analytics, Event Hub), Azure Storage (table, BLOB, Queue, SQL), Service Bus, Notification Hub, Virtual Machines, HTML5, CSS3

# Information platform

Duration: 10.2013 – 09.2014

Most vendors in the dental industry are either support services or product vendors to the consumer. These types of vendors are very specific to a niche product or software that does one thing well. They do not look at the entire business as a means of success for the consumer, so they end up facilitating just a specific business unit success such as EMR.

Taking into account the situation described above, there is an opportunity to reduce the complexity of software compatibility, lack of integrations between software systems and medical devices to achieve a single-source platform that will centralize all of the EMR data, medical imaging, data analytics, social, and business support software solutions all under one software platform.

## Team

10 specialists

## Position

Developer

## Responsibilities

- Developed new features and components
- Conducted code review
- Troubleshoot, involving software debug/upgrade process
- Created technical documentation for reference and reporting
- Analyzed the performance

## Technologies and tools

- C#, .NET, ASP.NET MVC, Entity Framework, JavaScript, React, Elasticsearch, Ansible, Terraform, Amazon (Aurora, S3, SQS), Git