

# Oleksandr G.

## Senior Senior Java Engineer

### SUMMARY

- 8 years of work experience in IT; - Experience working with Kotlin; - Good understanding of PostgreSQL; - Good skills with SQL, MySQL, and SQLite; - Experience working with banking and financial projects; - Deep skills working with Docker and Kubernetes; - Good knowledge of Python; - Functional programming (lambda calculus, typed lambda calculus, lazy evaluations, pure functions); - GRASP and GoF Patterns, UML; - Good logical thinking, self-learning, and high level of responsibility; - Intermediate English; - Available ASAP

### TECHNICAL SKILLS

<b>Programming Languages</b>	antlr4, C++, Groovy, Haskell, Java, Kotlin, Python
<b>Android Libraries and Tools</b>	Android APIs, Kotlin
<b>JavaScript Frameworks</b>	Angular, jQuery
<b>Python Frameworks</b>	Django
<b>Java Frameworks</b>	Hibernate, Spring, Spring Boot
<b>Java Libraries and Tools</b>	Java Server Pages (JSP), JMS, JPA, Spring Core, Spring Data, Spring model-view-controller (MVC) framework
<b>Python Libraries and Tools</b>	PyQt
<b>Databases &amp; Management Systems / ORM</b>	Hibernate, MySQL, PostGIS, PostgreSQL, Redis, SQL, SQLite
<b>UI Frameworks, Libraries, and Browsers</b>	jQuery
<b>SDK / API and Integrations</b>	Android APIs, GraphQL, Keycloak, SocureAPI, Swagger, TrulioAPI
<b>Virtualization, Containers and Orchestration</b>	Docker, Kubernetes
<b>Version Control</b>	Git
<b>Collaboration, Task &amp; Issue Tracking</b>	Jira, Redmine
<b>Message/Queue/Task Brokers</b>	Kafka
<b>Operating Systems</b>	Linux, macOS, Windows

<b>Methodologies, Paradigms and Patterns</b>	microservices architecture, OOP
<b>Mail / Network Protocols / Data transfer</b>	WebSockets

## EXPERIENCE

### Java Developer

October 2021 – Present

### Java Developer, INTAPP

June 2017 – October 2021

### Java Developer, Msystem technology

January 2017- June 2017

### Trainer Java, Infopulse Ukraine

October 2014 - February 2020

### RD trainer in Java, Epam Systems

March 2010 – January 2019

## PROJECTS

### Projects 1

**Description:** Developing payment systems.

**Responsibilities:** Designing and developing new features.

**Technologies:** Java 11, Spring MVC, Spring Boot, Spring Data, PostgreSQL, Hibernate, Swagger, Kubernetes, Docker, antlr4, graphQL, SocureAPI, TrulioAPI, Kotlin.

### Projects 2

**Description:** Developing an integration platform consolidating various company products; the project uses such patterns as Database per Tenant and Security per Entity.

**Responsibilities:** Designing and developing new features.

**Technologies:** Java 11, Spring MVC, Spring Boot, Spring Data, PostgreSQL, Hibernate, Swagger, Kubernetes, Docker.

### Msystem

**Description:** The application provides processing of data collected from agriculture smart devices like penetrometer, weather stations, etc, along with its analysis and visualization.

**Responsibilities:** Designing and developing new features.

**Technologies:** Java 8, Spring MVC, Spring Boot, Spring Data, PostgreSQL, Kafka, PostGIS, Hibernate, Swagger.



## Mobile Project for Android

**Description:** Real-time personalized gesture recognition application (using DTW algorithm), which involves an accelerator sensor and gyroscope.

**Responsibilities:** Designing and developing new features.

**Technologies:** Java 6, Android API, SQLite.

## Startup

**Description:** Designing a programming module for the approximation of computer systems performance depending on the characteristics of components using a piecewise linear regression model.

**Responsibilities:** Designing and developing new features.

**Technologies:** Java 8, SQLite, Groovy.

## EDUCATION

**Physics and Technology Institute (Kyiv department), Ph.D. in Mathematical Physics**

1996-2000

**Taras Shevchenko Kyiv National University, Physical faculty specialty: theoretical nuclear physics**

1991-1996

