

## Senior Software Engineer

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### Personal statement

I am a Senior Software Engineer with six years experience in software development since 2016. I'm paying attention to business requirements during software development and satisfying deadlines. I am a communicable, proactive, self-motivated, curious, focused on work and stress-resistant person.

### Core skills

- Software design, domain driven design (DDD), test driven development (TDD), database design, development, code optimization, testing and production support.
- Team leadership, teamwork, excellent communication skills.
- Languages: Go, Kotlin, Java, JavaScript, Python, SQL.
- Databases: MongoDB, OrientDB, MySQL, Postgres, SQLite, Elasticsearch
- Frameworks and technologies: Gin, Spring Framework (Spring Boot, Spring Security, Spring Data, Spring MVC, Spring WebFlux, etc.), Apache Kafka, Project Reactor, NATS, Redis, gRPC, Apache Wicket, Google Guice, RxJava2, Hibernate, MyBatis, Akka, React.js, Node.js
- Software design: distributed systems, microservices, modular monolith, monolith.
- AWS, Docker, Kubernetes, Terraform, Jetty, Tomcat, Jenkins, Gradle, Maven, Git.

### Work/Projects history

#### Senior Software Engineer - Cowbell Cyber

*(September 2022 – December 2022)*

**Technologies:** Java, Kafka, Spring Framework, Kubernetes, Docker, AWS, Postgres, Elasticsearch

**Role:** Developed new features

#### Achievements:

- Refactored one service
- Started improved documentation
- Started introducing E2E tests and IT tests
- Made proposal for technical evolution of engineering team
- Migrated two services from Elastic 6 to Elastic 7 without downtime in production

## Senior Software Engineer - Ajax Systems

(May 2020 – August 2022)

Wireless security system and Internet of Things system.

**Technologies:** Kotlin, Java, Python, JavaScript, Spring Framework (Boot, Security, Data, etc), MongoDB, MySQL, Project Reactor, gRPC, NATS, Redis, Apache Kafka, Akka, Terraform, AWS, Jenkins.

**Role:** Developed new services and enhanced existing systems

### Achievements:

- I proposed initial solution architecture, led the development of the back-end including the API design and played a key role in setting up the air alarm system for Ukraine from scratch and we launched it during 3 days.
- Managed back-end, mobile and desktop teams of 20 people and successfully delivered multi-platform features.
- Developed script for run infrastructure in AWS
- Led back-end team and successfully delivered features.
- Successfully released cross platform feature
- Successfully released 3 cloud products.
- Developed 1 service from scratch and launched it in production.
- Developed API for integrations and released it in production.
- Increased system performance.
- Enhanced monitoring metrics in production systems.
- Designed and developed a better load test for the production system.
- Investigated the integration of Kafka in the company and integrated it.
- Implemented new features in existing products.
- Migrated existing applications to microservices
- Perform refactoring and code optimization.

## Senior Java Developer - offerAI [offerai.com](https://offerai.com)

(June 2019 – April 2020)

System which allows real estate agents deal with each other

**Technologies:** Java, JavaScript, Apache Wicket, Google Guice, OrientDB, Orienteer

**Role:** Developed and supported project.

### Achievements:

- Designed and developed MVP0
- Application development
- Production support

## Senior Java Developer – Orienteer Business Application Platform [GitHub](https://github.com)

(October 2016 – April 2020)

**Orienteer** [orienteer.org](https://orienteer.org)

Open source platform for building applications which focused on managing data.

**Technologies:** Java, JavaScript, Apache Wicket, Google Guice, OrientDB

**Role:** Developed project.

### Achievements:

- Developed dynamic system for load modules for Orienteer in runtime (without restart server)

- Developed UML like editor for with object model in Orienteer
- Designed and developed multi tenant system support in Orienteer
- Made Orienteer Cloud ready

**Air strike alarm system for Ukraine** [ukrainealarm.com](http://ukrainealarm.com)

**Technologies:** Kotlin, Spring Framework, Firebase, Telegram Bot API

**Role:** Developer

**Achievements:**

- Released first versions of system
- Proposed initial architecture
- Developed system from the scratch in 3 days
- Led development of back-end team

## Education

**2015 - 2019, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”** - Bachelor's degree in radio engineering

**2019-2020, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”** - Master's degree in radio engineering