

## Contact

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(LinkedIn)

## Languages

English (Fluent)  
Spanish (Prof. DELE B2)  
Russian (Native)

# Andrew Medvedev

## Backend developer

Barcelona, Catalonia, Spain

## Summary

### Expert:

- high-volume/high load data processing, monolithic applications, micro services, concurrency and networking
- compiled languages (in order of preference and knowledge): Go (9yrs), C++(2yrs), in the past: Java(3yrs), Kotlin(1yr), Clojure(1yr)
- data analytics (SQL, PostgreSQL, Vertica)

Key technologies: Prometheus, Apache Airflow, Aerospike, Elasticsearch.

Familiar with: IOS development (app in the Appstore), Swift. Telegram tlib applications, ML data pipelines, NNs.

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## Experience

### Microsoft Iberica SRL

Software Engineer  
November 2022 - November 2024  
Barcelona, Spain

High load services in Bing. Clusters. Analytics (SQL)

Golang. Vertica, PSQL, Airflow, Aerospike

### Yandex

Software Developer  
December 2019 - February 2022 (2 years 3 months)  
Moscow, Moscow City, Russia

Statistics department: big data - provide various aggregates in ads system for  
billing department: data enrichment in high performant code (C++), analytics  
(SQL), devops: fault tolerance in multicluster installation, network balancing  
(L3/L7), custom tooling including CI/CD. Also develop for search queries statistics  
system (numerical and ML based)

Golang, C++, Python

Simko Bioteck

Software Engineer

December 2018 - January 2022 (3 years 2 months)

Systems services, integration, networking (custom routing, proxies, queues and message passing), mobile app backend.

Go

GridGain Systems

Software Engineer in Production Department January

2018 - November 2018 (11 months) Moscow

Distributed cache (Apache Ignite) for the largest Russian bank onsite: high volume data, concurrency (jvm profiling, tooling, solving platform issues, post mortem analysis, debugging, bug fixes, liaison with remote core team and 3rd level support - systems administrators) - Sberbank.

java7/8

Mynd Property Management

Backend developer

March 2017 - September 2017 (7 months) Remote,

full-time contract

E-commerce project (residential renting). Microservices on AWS infrastructure (Jersey, RxJava, Protobuf, Modelmapper, grpc, JDBI). Integration tasks.

Java8/Kotlin

Dental Import

Software Engineer

November 2013 - March 2017 (3 years 5 months)

Moscow

Started as systems administrator, then programmer worked on internal inventory control program (java)

Jet Infosystems

Java developer

September 2016 - November 2016 (3 months) Moscow

Contract

## Education

Yandex School of Data Analysis

· (January 2020 - January 2021)

Russian New University, ROSNOU

Bachelor's degree, Applied Mathematics and Computer  
Science · (2014 - 2018)