



# Igor Khotin

## Solution Architect

Kiev, Ukraine  
<i@invadium.com>

- 20 years of experience in software development, a wide area of expertise
- Hands-on experience with modern enterprise and cloud infrastructure
- Full lifecycle - leading projects from a concept to release and production support
- Good understanding of software development principles, tools, and processes
- Business Development skills - marketing, presale activities, proposals, tech interviews
- Speaker at multiple conferences - *NAB Show, JEE Conf, JavaDay, Agile Base Camp, IT Jam...*

## Experience

### Freelance Consultant

Apr 2019 - Now

Participated as a freelance developer/consultant in multiple projects in Big Data, Social, and Mobile Hypercasual Entertainment areas.

### Luxoft

Jan 2018 - June 2019

#### Solution Architect

Led bootstrap, development, production deployment, and support of a big-data warehousing system.

[HDFS, Spark, Kafka, NiFi, Cassandra, Scala, Java, JS, Kubernetes, Alibaba Cloud]

### IntroPro

Oct 2011 - Jan 2018

#### Solution Architect, Deputy Director of Biz Dev Department, Director of Academy

Designed and implemented multiple projects for the satellite TV industry:

- Addressable ads monitoring system for satellite TV appliances;
  - NoSQL solution to store and analyze satellite stream metadata;
  - Prospective Set-Top Box chipset testing framework;
  - Multiple microservices for entertainment media processing;
- [Java, JavaScript, Scala, Go, Groovy, C, Python, Grails, Gradle, sbt, Cassandra, Linux, AWS, Docker, Kubernetes, Rancher, BeansTalk, Jenkins]

*Participated in business development activities and tech interviews.*

*Organized and built teams.*

*Led an internal education program to improve technical and soft skills.*

### MonteCristo Multimedia

2007 - 2010

#### Enterprise Architect

*Designed, bootstrapped, and led the development, production deployment, and support of a high-load backend system for a Massively Multiplayer Online Game.*

*[Java, Groovy, Spring, Hibernate, JBoss, PostgreSQL, FreeBSD, containers/jails]*

### UnitedThinkers

2005-2006

#### Senior Java/SQL Engineer

CRM and billing system development

[Java, MS SQL]

### IDM

2003-2004

#### Software Developer

ERP System development

[VB6, MS SQL, ER-Win, InstallShield]

### Intech

2000-2003

#### Software Developer

Websites, educational software, geodesic system development

[HTML/JavaScript, VBA, SQL, C++, Autocad]

## Skills

**Languages:** *Java, JavaScript, Scala, Go, Groovy, C, Python, bash*

**Frameworks and Technologies:** *Spring, Spring Boot, Hibernate, NodeJS, Express, Electron, Cordova, Play, Scalatra, Grails, WebGL*

**Databases:** *Cassandra, Couchbase, MySQL, PostgreSQL*

**Data Processing:** *Spark, Hadoop, HDFS, Kafka*

**Tools:** *vim, git, mercurial, gradle, sbt, gulp, maven, ant, make*

**Clouds:** *AWS, Alibaba Cloud*

**OS/Containers:** *Linux, Docker, Kubernetes*

A **UNIX** guru, has been using various Linux/FreeBSD/macOS versions for the last 20 years, has a deep understanding of UNIX structure, toolset, and live operations.

Started with **Containers** back in 2007, hands-on experience in running Docker for development, testing, and production. Experience in the deployment of containerized applications in modern clouds.

Rich **Fullstack** experience with a wide variety of platforms - backend services, external web services integration, big data map-reduce processing, web apps, desktop apps, mobile apps, embedded systems, development tooling.

Experience with **high-load**, scalable, and distributed systems. Understanding of **Big/Fast Data** and **NoSQL** technologies and use-cases for their successful application.

Interested in music, education, game development and gamification, astronomy, science fiction, futurism, and space exploration.

*Fluent English*

## Education

Master's Degree in Physics, Physics and Mathematics Faculty,  
National Technical University of Ukraine "Kyiv Polytechnic Institute"  
1999-2005

## Links

<http://ikhotin.com>

<https://github.com/invider>