



Igor Khotin

Solution Architect

- 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