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*
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.

Fluent English

Education

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