

# Mykola V.

## Architect/Team-lead Data Architect

### SUMMARY

- Skillful Data architect with strong expertise in the Hadoop ecosystem (Clouder/ Hortonworks Data Platforms), AWS Data services, and more than 15 years of experience delivering software solutions. - Intermediate English - Available ASAP

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Apache Spark, Kafka, Apache Hadoop, Scala (2 yr.), AWS
<b>Programming Languages</b>	C#, Clipper, Delphi, Java, Python, Scala (2 yr.)
<b>.NET Platform</b>	ADO.NET, ASP.NET Core Framework, ASP.NET MVC
<b>Scala Frameworks</b>	Akka, Apache Spark
<b>Scala Libraries and Tools</b>	Akka
<b>Java Frameworks</b>	Apache Spark
<b>Data Analysis and Visualization Technologies</b>	Apache Airflow, Apache Hive, Apache Spark
<b>Databases &amp; Management Systems / ORM</b>	Apache Hadoop, Apache Hive, Apache Spark, Cassandra, Foxpro, HDP, IBM DB2, Microsoft SQL Server, MS Access Dbase, Oracle 9.2, Oracle Database, PostgreSQL, SQL
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, GCP
<b>Operating Systems</b>	Centos, Linux, Ubuntu, Windows
<b>Deployment, CI/CD &amp; Administration</b>	GitLab CI
<b>Message/Queue/Task Brokers</b>	Kafka
<b>Mail / Network Protocols / Data transfer</b>	Kerberos, LDAP
<b>Virtualization, Containers and Orchestration</b>	Kubernetes
<b>Other Technical Skills</b>	Analytics and Storage services, Cloudera Data Platform, KeyCloack, OpenStack, PowerBuilder, PowerBuilder 10.0, PowerDesigner, Sybase ASA, Sybase ASA 9.0

## EXPERIENCE

### Data Architect

2017 – CURRENT

Architecting digital transformation solutions using a new set of tools – Apache Spark, Kafka using Scala ecosystem – to enable customer company to quickly act on new business opportunities presented by streams of data.

## PROJECTS

### Data platform AWS migration and upgrade

2019 - CURRENT

#### Responsibilities:

- Architect and prototype distributed warehouse systems
- Review Data Lake and Data Warehouse infrastructure
- Redesign batch and event-driven workflows for big data processing

**Tools & Technologies:** AWS Analytics and Storage services, Cloudera Data Platform, AirFlow, Kafka, Apache Spark, Hive, Kubernetes, Linux

### Data Management Platform in a hybrid cloud

(2017-2019)

#### Responsibilities:

- Architect distributed Data Lake system
- Data Warehouse infrastructure implementation
- Design batch and event-driven workflows for big data processing

**Tools & Technologies:** Google cloud Data and Storage services, Hortonworks Data Platform, Oozie, Kafka, Apache Spark, Hive, Kubernetes, Linux, OpenStack, GitLab CI, Scala, Akka, Python, PostgreSQL, Cassandra, KeyCloack, LDAP, Kerberos.

## IT CONSULTANT

2009 – 2015

#### Responsibilities:

- DB and application architecture audit
- DB ETL performance issues fixed
- WinForms App (C#, ADO.NET, EF)
- MS SQL Server

## SOFTWARE PROGRAMMER

2006 – 2008

#### Responsibilities:

- PowerBuilder, Oracle 9.2

## SOFTWARE DEVELOPER

2005 – 2006

#### Responsibilities:

- DB design and implementation
- ETL design and implementation, Data Warehousing
- PowerBuilder 10.5, PowerDesigner 12.1, C#, ADO.NET
- MS SQL Server 2005



## **SOFTWARE ARCHITECT**

2005 – 2006

### **Responsibilities:**

- Business analysis and modeling distributed system
- Architect solution for HQ and branch offices
- PowerBuilder 10.0, PowerDesigner,
- Sybase ASA 9.0

## **EDUCATION**

### **MSc in Mathematical and Theoretical Physics**

EQF level 6

1983 – 1990

