

Yaroslav M.

Senior Scala Software Engineer with Cloud & Data Engineering skills

SUMMARY

- Professional engineer with proven ability to develop efficient solutions for complex problems, including cloud and Data projects; - Microservice architecture expertise Lightbend Reactive Architecture, Infrastructure as Code expertise in AWS CloudFormation, CI/CD (Gitlab, AWS CodePipeline), Cloud expertise - AWS; -Engineer with the ability to develop efficient solutions for complex problems, including cloud projects, AWS Services (Amazon Quicksight, EC2, S3, Glue), Databricks, Kinesis; - API development RESTful, Swagger, GraphQL, API Gateway, Microservice architecture expertise - Commercial experience in IT since 2013; - Lightbend Reactive Architecture, Infrastructure as Code expertise in AWS CloudFormation, CI/CD (Gitlab, AWS CodePipeline); - System level programming, OOP and OOD, functional programming; Stress on profiling and optimizing code, writing reliable code; - System-level programming, OOP and OOD, functional programming; - Profiling and optimizing JVM code; - Experience with product documentation and supporting products; - Upper-intermediate English; - Available ASAP.

TECHNICAL SKILLS

Main Technical Skills	Scala, SQL, AWS
Programming Languages	C, C++, JavaScript, Scala
Scala Frameworks	Akka, Apache Spark, Play Framework
Scala Libraries and Tools	Akka, Akka Actors, Akka Framework, Akka Streams, Alpakka, Scala Cats, Scala Guice, Scala Specs2, Scalatest
Java Frameworks	Apache Spark, Play Framework
Java Libraries and Tools	JVM
PHP Libraries and Tools	PHPUnit
Data Analysis and Visualization Technologies	Apache Spark, AWS Athena
Databases & Management Systems / ORM	Apache Hadoop, Apache Spark, AWS DynamoDB, Cassandra, Hadoop ecosystem, MongoDB, MySQL, NoSQL, PostgreSQL, Slick database query, SQL
Cloud Platforms, Services & Computing	AWS
Amazon Web Services	AWS Athena, AWS Cloudformation, AWS CodePipeline, AWS DynamoDB, AWS EC2, AWS Glue, AWS Quicksight, AWS S3

QA, Test Automation, Security	CasperJS, Jasmine, Karma, Mock, PHPUnit, QUnit, Scalatest, Selenium Webdriver
Third Party Tools / IDEs / SDK / Services	DevPartner, DevPartner Studio, Eclipse, IntelliJ IDEA, Visual Studio
Virtualization, Containers and Orchestration	Docker, Kubernetes, Terraform
Operating Systems	FreeBSD, Linux, macOS, Windows
Version Control	Git, MS SourceSafe, SVN
Logging and Monitoring	Grafana
Message/Queue/Task Brokers	Kafka
Platforms	MetaTrader
Methodologies, Paradigms and Patterns	OOD, OOP
File Systems, Storage	Protobuf

EXPERIENCE

SOFTWARE ENGINEER

03/2021 – CURRENT

B2B Gaming. The delivery of multiple software delivery streams, overseeing the team in areas such as quality, delivery schedule, risk mitigation, resourcing planning, and overall productivity

Responsibilities:

- Migrate from monolithic architecture to microservices infrastructure.
- Developing API on the back end. Experience in working in a distributed team, Microservice system architecting.
- Developing new features and bug fixes
- Review of the pool of requests
- Code review
- Unit Testing

Technologies: Scala, Cassandra, PostgreSQL, Angular2, Reactive (Akka, Play), SQL, Kubernetes, Docker, Kafka, Spark, Hadoop framework, AWS: (CloudFormation, Kinesis Data Firehose, S3, Glue, Athena) Git.

SCALA DATA ENGINEER

11/2018 – 03/2021

Project: Audience.

Responsibilities:

- Built data pipelines for server logs streaming.



- Built ETL from collecting data with AWS, Kinesis agent, real-time processing in Kinesis Analytics, and delivery to AWS Athena.
- Built reporting dashboards in QuickSight from Athena sources.
- Backend development of API for ETL for Ad-tech services, implementation of recommendation system, user analysis, and additional statistics creation.
- Experience in working in a distributed team, making design decisions in a microservice system, working on code review, and Scala/Akka developing.

SCALA SOFTWARE ENGINEER

09/2016 – 10/2018

Responsibilities: Designing and developing backend servers for corporate systems for streaming and batch data processing.

Technologies: Scala, Reactive (Akka, Play), Lightbend enterprise platforms, SQL and NoSQL databases, Kubernetes, Kafka, Spark, Hadoop framework, Docker, AWS (Storage, Database, DocumentDB, Athena, Lambda, Glue, API Gateway, Infrastructure as Code expertise in CloudFormation, Kinesis, QuickSight, Grafana, CI/CD AWS CodePipeline), Git.

AUTOMATION QA ENGINEER

05/2015 – 09/2016

Responsibilities: Unit and integration tests for messenger backend. Scala was used as the main language for development.

Technologies: Akka, Play framework, NoSQL DBs (Cassandra, aerospike), inter-datacenter interaction, REST and Websocket API development. ProtocolBuffer for client-server interaction was used. The elastic search was used as a search engine. All server requests are processed asynchronously.

AUTOMATION QA ENGINEER

2013 – 2015

Technologies:

- Unit Testing (PHPUnit, Mock)
- JavaScript testing (Jasmine, QUnit, Karma, CasperJS)
- Functional testing (Selenium RC/Webdriver + PHPUnit)

EDUCATION

- **MASTER OF SCIENCE**

West Ukrainian National University
2004-2009

- **PH.D. IN SOFTWARE ENGINEERING**

2022-Current

CERTIFICATES

- **Lightbend Scala Language Professional**
- **Reactive Architecture: Building Scalable Systems**



LANGUAGES

- English B1-B2

