Sciapan R
Senior Scala and Java Software Engineer

SUMMARY

- 5+ years of experience in IT - Upper-intermediate English - Available ASAP

TECHNICAL SKILLS

Main Technical Skills	Scala, Java
Programming Languages	C#, Groovy, Java, JavaScript, Lua, Scala
Scala Frameworks	Akka, Play Framework
Scala Libraries and Tools	Akka, Scala SBT
JavaScript Frameworks	Angular, jQuery, React
Java Libraries and Tools	EJB, Freemarker, Jackson, Java EE, Java Reflection, Java Servlets, Java StAX API, JAX-RS, JDBC, JMS, JPA, JSON Patch, JSON Schema, MBeans, RESTeasy, SAX
.NET Platform	Entity Framework
Mobile Frameworks and Libraries	Gson
Java Frameworks	Hibernate, Play Framework, Spring
Data Analysis and Visualization Technologies	GeoJSON
Databases & Management Systems / ORM	AWS ElasticSearch, Hibernate, MongoDB, ORM, PostgreSQL, Redis, Slick database query
UI Frameworks, Libraries, and Browsers	jQuery, XPATH, XSLT
Amazon Web Services	AWS EC2, AWS ElasticSearch, AWS Kinesis, AWS Lambda, AWS RDS (Amazon Relational Database Service), AWS S3, AWS SES (Amazon Simple Email Service)
Message/Queue/Task Brokers	Apache ActiveMQ, Kafka
Web/App Servers, Middleware	Apache HTTP Server, WildFly
QA, Test Automation, Security	Apache Maven, Mockito

Third Party Tools / IDEs / SDK / Services	Apache NetBeans, IntelliJ IDEA, Web Services
Version Control	Apache Subversion, BitBucket, Git, GitLab
Virtualization, Containers and Orchestration	Docker
Mail / Network Protocols / Data transfer	FTP, HTTP, WebSockets
Deployment, CI/CD & Administration	Gradle
SDK / API and Integrations	Keycloak, OpenAPI, Winforms
Operating Systems	Linux, Windows
Methodologies, Paradigms and Patterns	SOAP
Other Technical Skills	CDI, Deadbolt, ebMS, Groovy type checking extensions, Java IO, Java Scripting Engine, JMS etc, JParsec, JPQL, MTOM, OpenEJB, QpidJMS, Qpid Proton, Redis Lua scripting, Twirl, Undertow

EXPERIENCE

Under NDA (business domain tourism)

October 2021 – present
Description: Project for a large international tour operator. The part of the project we are working on is an implemented serverless event handling system.
Responsibilities: back-end development
Technologies: Java, Spring, AWS Lambda, API Service in Java Spring Boot, MongoDB, Elasticsearch, ReactJS, CI/CD, Kafka

Shipping and Logistics platform

February 2021 – August 2021
Description: A professional social network for supply chain teams. It allows supply chain teams to collaborate with customers, suppliers and carriers, and provides them with a sophisticated slot booking system, instant messaging and real time visibility into shipment fulfillment.
Responsibilities: Back-end development, code review
Technologies: Scala 2.13, Akka, Play Framework, Deadbolt, PostgreSQL, Slick DB, Docker, Angular 7, WebSocket, AWS EC2, AWS S3, AWS RDS, AWS Lambda

Industrial air compressor network monitoring tool

Description: A cloud solution for monitoring various physical parameters of working industrial air compressors. Allows to create dashboards with visual representations of aggregated measurements, notify users when measurement data is out of user-defined bounds, provision configuration to individual devices. Users can generate reports based on the user-defined time ranges of the collected measurement data.
Responsibilities: Back-end development, code refactoring, SQL optimization, code review.

Technologies: Scala 2.13, Akka, Play Framework, Deadbolt, PostgreSQL, Slick DB, Docker, Angular 7, WebSocket, AWS EC2, AWS S3, AWS RDS, AWS SES, Amazon Kinesis, AWS Lambda

JSON document storage and management server

August 2016 – January 2021
Description: A service for versioned storage, querying and migration of JSON documents. Allows to store JSON Schema-validated versioned JSON documents, register and execute inter-version migration scripts in JavaScript or Groovy.
Responsibilities: API design, implementation, maintenance, integration with other solutions.
Technologies: Java 11, Groovy, WildFly, JAX-RS, JPA/Hibernate, JSON Schema, JSON Patch, Java Scripting Engine

Data Source Proxy

Description: A minimalist service used to proxy a paid external data source by reimplementing its WSDL service description. Scheduled original dataset fetches, notifications about changes in the dataset.
Responsibilities: Back-end development, maintenance
Technologies: Java 7, Java SAX, Java STAX, EJB, WebServices, SOAP/MTOM

Lightweight middleware for DMZ installations

Description: A robust minimalist middleware solution, build HTTP(S) facades for JDBC- and FTP-servers via simple to use REST API.
Responsibilities: Development, maintenance.
Technologies: Java 8, Java IO, Undertow, Jackson, H2, Hibernate, JDBC, HTTP, FTP, AMQP

Cloud Middleware Solution

Description: Feature-rich middleware solution (B2B) that allows users to connect various endpoints (HTTP(S), FTP(S), JMS, JDBC etc), as well as to flexibly filter, verify, route and transform messages using a simple tunnel-based metaphor. It has built-in support for WUS and ebMS exchange standards and elements of AS4 protocol. It provides a convenient way to manage certificates for accessing secured endpoints.
Responsibilities: REST resources development, code refactoring; design and implementation of a novel streamlined configuration management subsystem
Technologies: Java 11, Groovy 2, WildFly 10+, Java EE 7, EJB, CDI, JPA, MBeans, JMS (ActiveMQ Classic), Hibernate, JDBC, HTTP (Apache), FTP (Apache), AMQP (Qpid Proton), FreeMarker, XSLT, XPath, WUS, ebMS, AS4, Angular

JAX-RS-based REST API library

Description: REST API library developed for internal use to allow implementation of GraphQL-like features (entity projection, filtering, linking) in a uniform way.
Responsibilities: Major architecture changes, development, maintenance, integration with other solutions
Technologies: Java 11, CDI, JPA/Hibernate, JPQL, Java Reflection

Event Routing Service

Description: This service is a cloud component that allows dispatching arbitrary messages based on user-defined metadata in a "publish-subscribe" pattern. Subscriptions are expressed using a custom flexible dynamically typed expression language and can include filters based on large predefined datasets and geographic positions. It offers an "at-least-once" dispatch guarantee.
Responsibilities: Design and back-end implementation from scratch.

Technologies: Java 11, Groovy 2, WildFly 10+, KeyCloak, Java EE 7, JAX-RS, EJB, CDI, JDBC, JPA/Hibernate, JMS (ActiveMQ Classic), Redis, Lua, JParsec, GeoJSON, JSON Schema, Angular, OpenAPI

EDUCATION

Belarusian National Technical University. Faculty of Information Technology and Robotics, Software engineer.

2014 – 2018

Front-end development (Angular, NodeJS, ExpressJS, MongoDB), Itransition

2016

Functional programming course Scala Bootcamp, Evolution Gaming

2020