Name: Tseluiko Igor
Role: Software Engineer
Total experience: 4 years
Primary skill: Java
Secondary skill: Scala
English level: intermediate
Skype: vas12388
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Phone: +48 530 608 121
Education: Dnipropetrovsk National University: Specialist in economical cybernetics

Employment history:

EPAM (Poland)

Project: CME-SGE
Date: 01.09.2015 – 01.09.2016
Role: Java Backend Software Engineer
Goal: Develop system to connect Chicago Mercantile Exchange with Shanghai Gold Exchange API

- Application for connection CME API(Java 8) with SGE API (C++). Technologies used: Fix, Camel/ Camel FT, Redis, Git, Java 8, Tibco, Jasper, JNI, Cucumber, Maven, Mockito, inner CME and SGE libs and tools.

EPAM (Poland)

Project: Image recognition project
Date: 15.06.2015 – 01.09.2015
Role: Java Backend Software Engineer
Goal: Develop application for inner EPAM ecosystem which would recover/recognize images

- Application for image recognition and image recovery. Technologies used: PostgreSQL, Git, Java 8, Sonar, Jenkins, Spring MVC, Spring Data, Wildfly, Oauth 2, Mockito, Opencv.

PrivatBank (Ukraine)

Project: CRM system of the biggest bank in Ukraine (50 millions of clients)
Date: 01.10.2013 – 21.05.2015
Role: Java Backend Software Engineer
Goal: Develop and support CRM system of the bank

- Migration from RDB(Sybase) to NoSql(Hbase). This work includes: design of tables, rowKeys, column families, qualifiers. Authorization to hbase cluster via Kerberos, setting tomcat, writing code using Spring hbase template. Expected values of writing are: ~20 millions transaction per day
- Migration of main queues from RDB to RabbitMq. Switch to multithreaded write/read from RabbitMq via Spring amqp template. Design queues and exchanges.

- Work with mongoDb. Design collection, indexes, find criteria for storing ~250 millions of expired unordered data. Read/write using Spring mongo template.
- Scale of fast-growing project. Scaled from 1 instance to multiple instances under nginx with caching inmemory nosql solution: Redis. Working with redis-sentinel system. Async architecture of getting data from redis.
- Supporting, profiling and monitoring. Analyze heap and thread dumps via MAT. Profile application via jvisualvm, Eclipse MAT. Monitoring via Zabbix. Analyze projects via Sonar.

PrivatBank (Ukraine)

Project: Internet banking systems: https://privat24.ua, https://privat24.ru, https://privat24.ge
Date: 01.03.2013 - 01.10.2013
Role: Java Backend Software Engineer
Goal: Develop and support Authorization system of the internet banking

- Authorization support. QR-code, OTP, inner authorization between bank systems. Took part in creating of new type of authorization: via google-glass; Technologies: jdk1.6, JDBC, Sybase ASE, Java Servlet API, Redis, Resin, Git, Ant, Hudson. Load ~1000 req/sec.
- Write stored procedures. Authorization system use stored procedures for security reasons. My part of work was: write new stored procedures, support old. (T-SQL, Sybase ASE).

PrivatBank (Ukraine)

Project: Sybase IQ
Date: 01.08.2012 - 01.03.2013
Role: Sybase IQ System Administrator
Goal: Automatize backup procedure of Sybase IQ cluster

- Automatize sybase iq backup process.Developing of bash scripts to automatize backup between many servers and different sybase iq versions. Run by cron.
- Administrate Subversion, Wiki, Tomcat servers. Grant user roles to repositories, free space monitoring, deploying java-applications.
- Sybase iq version update supporting. Update sybase iq to newer versions.

Professional summary:

Software Engineer with 4 years of extensive experience in enterprise and financial domains of Software Development. I'm a volunteer in opensource project https://igov.org.ua, it creates e-government solutions for Ukraine. To be in good development shape about technologies I use - I read books/forums and investigate alternative solutions of the tasks. Also I'm subscribed for blogs/tweets of the key/famous developers to be up-to-date with fast-developing programing environment. Now I am learning functional paradigm of development with jvm-based Scala language(chain of courses from Martin Odersky in coursera.com). Last books I've read are: "Programming in Scala: Updated for Scala 2.12" by Martin Odersky, "Java Concurrency in practice" by B. Goetz, "Perfect code" by S.Mcconnell, Robert C. Martin "Clean code", O'Reilly third edition

"Hadoop the definitive guide", O'Reilly "Hbase the definitive guide", "Remote, Office not required" by founders of "37 signals". It helps me to deliver my best for the client.