IHOR TSELUIKO
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Backend Software Engineer

- **Dynamic software engineer offering 5 years** of experience developing multimillion-dollar, mission-critical projects.
- Skilled in backend development lifecycle, NoSql solutions; expert in multithreading applications.

Provide clean estimations to project management, working on the research, design, development, documentation, testing and rollout of enterprise applications. My latest pet project is: telegram chat bot developed on scala. Last books I have 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", "Remote, Office not required" by founders of "37 signals".

Professional Experience

EPAM Systems (Poland)

- GK Software (01.09.2016 – present)
- CME-SGE (01.09.2015 – 01.09.2016)
- Image recognition project (15.06.2015 – 01.09.2015)

PrivatBank (Ukraine)

- CRM system (01.10.2013 – 21.05.2015)
- Internet banking system (01.03.2013 - 01.10.2013)
- Sybase IQ (01.08.2012 - 01.03.2013)

Accomplishments:

- Migration of queues from RDB(Sybase) to RabbitMq. Design queues and exchanges. Reduced Sybase License budget ($1M per 1 cpu core) while increasing service levels and improving product stability

- Database migration from RDB(Sybase ~60Tb) to NoSql(Hbase). Decreased monthly error-by-timeout rates to all-time lows (from 1.5% to 0.01%). Reduced request latency time from 200ms to 50ms.

- Mail worker redesigned on multithreaded architecture without horizontal scaling, increased throughput from 200k to 1M per day.

Technical summary

Languages: Java(advanced), Scala (beginner), Bash (expert), T-SQL (expert)

Development Tools, Libraries, Frameworks: Spring Data, Spring Boot, Spring MVC, Spring JDBC, Spring AOP, Intellij IDEA, jvisualvm, Eclipse MAT, Nginx, Zabbix, Sonar, Hudson, Maven, JUnit, Cucumber, Mockito, Git, Svn, Ant

Systems: Unix, Windows

Databases: Sybase, Oracle, PostgreSQL

NoSQL: Hbase, Redis, Mongodb, Riak

Education
Ukraine, DNU: BS in Economical Cybernetics.