

# Piotr Turski

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Warsaw, Poland

MSc in Computer Science (University of Warsaw)  
age: 42  
commercial experience: 19+ years

job preferences: ML, big data, HFT, computational biology, haskell

## activities & achievements:

- I designed architecture, operational procedures, integration strategy and KPIs for import and syncing the source of truth for a system with over 3bln euro distribution, over 22Tb of data, serving over 30k companies
- I built microservices for an AI in healthcare startup. Traffic was ~350k req / day and constantly growing. Mobile app had over a million downloads
- I designed and built from scratch fault tolerant big data system that processes and saves events coming from cryptocurrency exchanges with rate over 2,2k / sec
- I built CAS / SSO and identity vault for ~8 millions of users for one of the biggest media company in Poland
- I optimized DB queries (from over 24h to less than 1s)
- I redesigned and rebuilt under-performant system with complex data and permission system. I improved response time from ~8s to ~70ms
- I designed and built big data reporting system with ~1d time-to-market reports
- I rescued falling projects (by changing technology and human related processes)
- I built an application for handling medical protocol violations incidents for pharmaceutical corporation (highly regulated market)
- I migrated 10 years old application with ~1M SLOC to new technology stack in less than 1 month

my open-source: [zohhak](#) contributed to: TestNG, Commons-IO  
creator of: [Testegration](#) speaker at: [Confitura'14](#) (in polish)  
former leader of: [Warsaw Java User Group](#) [CareerCon 2014](#) (in polish)  
blog: [blog.piotrturski.net](#) github: [piotrturski](#)  
coursera: based on performance invited to 'machine learning' beta test program

## work experience:

01.2017 – present Freelancing / consulting: CTO, solution architect, developer, technical recruiter (US, UK, Germany, Hong Kong - remotely); Giving training sessions (Poland);

*technologies:* kotlin, java, docker, AWS, GCP, kubernetes, neo4j, solr, spring-boot, postgres, hibernate, flyway, sendGrid, rxJava, freemarker, grafana, prometheus, credit card payment gateway, Oauth 2, spring-gateway, pandas, AI / copilot

12.2015 – 12.2016 AI start-up in healthcare (UK, London; remotely); designing and implementing scalable, HA and resilient services working with big data; advising on company's standards; startup, distributed environment

*technologies:* microservices, AWS, Amazon EMR, dynamoDB, S3, hive, hdfs, storm, kafka, reactive programming, spring-cloud, spring-boot, groovy, gradle, elasticsearch, docker, hystrix, eureka, ribbon, spock, google drive API, stanford core-nlp, wordnet, java 8

- 07.2015 Founder of HR Devs (hrdevs.com);  
profile: advising on attracting tech talent; building talent acquisition strategy
- 04.2011 – 10.2014 Roche (Warsaw, Poland; www.roche.com);  
and j2ee application design, development, migration and maintenance; architecture  
10.2009 – 08.2010 design; team leader; tech leader; dealing with client; gathering and analyzing  
client's requirements; keeping high quality (tests, code review, continuous  
delivery); tuning database queries; integrating scala into a java project
- technologies:* git, angular, grunt, jasmine, flyway, bamboo, jenkins, sonar, crucible, oracle, jboss, tomcat, jetty, weblogic, maven, hibernate, envers, jpa, spring (mvc, data, ldap, security, aop), javascript, quartz, rest, lombok, mockito, testNG, junit, jrebel, jprofiler, ant, jasper reports, jbpmm, webservice, struts2, jacob, confluence plugins, smart gwt, vagrant, pl/sql
- 09.2008 – 04.2009 Redefine Sp. z o.o. (Warsaw, Poland; www.redefine.pl);  
analyst, architect and j2ee programmer; project: central authorization system  
with identity vault (expected 8 million users); also provide necessary help and  
information for other companies joining to the system;
- technologies:* spring, maven, junit, jmx, webservice, protocol buffers, servlets, ldap, tomcat, apache, uml, bash scripting, ssl, java/c++ cryptography
- 01.2008 – 02.2008 Javatech Sp. z o.o. (Warsaw, Poland; www.javatech.eu);  
and responsibilities: gathering and analyzing customer requirements; customer  
06.2006 – 06.2007 facing; project management; designing, coding and implementing j2ee  
applications and applications that use mobile technologies (www.blunair.pl);  
preparing and running j2ee course.
- technologies:* j2ee, servlet, jsp, jsf, ejb, facelets, hibernate, relational databases, html, xml, ajax, ant, tomcat, jboss

**education and training:**

- 2002 – 2008 Faculty of Mathematics, Informatics and Mechanics; University of  
Warsaw (Warsaw, Poland). Fields of study: Computer Science
- 03.2007 Passed: Sun Certified Programmer for the Java 2 Platform, Standard  
Edition 5.0 (97%)

**other activities:**

- since 2007 member of Warsaw Java User Group  
07.2004 children's tutor and computer science teacher (volunteer)

**languages:**

English (fluent), Spanish (beginner), Polish (native)

**interests:**

psychology, martial arts, climbing, backpacking

*I hereby authorize you to process my personal data supplied above for the needs of the recruitment process*