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Objective: A position in software engineering with autonomy and challenge. I would like to try myself in mentoring and leading small teams.

Skills: designing and implementing scalable distributed web applications from the ground up
    adopting best practices in coding / documenting / deploying / monitoring
    refactoring and optimizing applications without end user impact

Summary: 2010-present java webdev, 2006-2010 perl webdev. I know java, kotlin, python, perl. Linux user since 2001, can do DevOps but nothing fancy. In Java I've worked mostly with Spring and Hibernate and now I prefer smaller hand-picked libraries. I "grok" things, follow best practices and keep things simple. I can work autonomously but it's important for me to have like-minded colleagues for technical discussions. I think that readability of code is essential in long term so I strive for clean code and thorough documentation. I have a BSc in Software Engineering and have EU Blue Card residence permit.

07/2019 – present, **Expert Software Engineer** at Auto1. Europe's leading online B2B marketplace for used cars. I am working in the Core Team which focuses on the internal software ecosystem. We do company-wide refactorings, support common libraries and provide other teams with tools to increase productivity.
- ✔ Promoted after 6 months because of outstanding performance
- ✔ Created tools to mitigate migration of ~300 java APIs to OpenAPI
- ✔ Reduced AWS costs by investigating spring-boot apps startup time and memory consumption and finding a way to lower it
- ✔ Streamlined migration to spring5/spring-boot 2.x by a overhaul of the dependency tree and refactoring common libraries

Stack: java8, spring5, aws, consul, postgresql, redis

05/2018 – 06/2019, **Senior Kotlin Developer** at HortiCloud. Startup in the agricultural industry that builds a complex SaaS for greenhouses. An agent installed on a greenhouse climate computer sends vast amounts of raw climate metrics to the cloud where the data is being processed and rendered in a beautiful modern dashboard. We had set strict SLAs and enforcing them was a challenge.
- ✔ Implemented a system for unattended upgrades of our software installed on customer climate computers
- ✔ Created admin interface (reactjs) and automated routine customer supporting tasks
- ✔ Halved AWS costs for development environments by getting rid of ALB
- ✔ Sped up graph plotting by replacing Redshift with Clickhouse
- ✔ Brought in Terraform to describe and maintain AWS infrastructure

Stack: kotlin, ebean, hk2, aws kinesis/ebs/redshift/rds/s3, jetty, terraform, reactjs, clickhouse, postgresql, letsencrypt

02/2015 – 05/2018, **Development Lead** at [SRG]. Company makes estimations of real-estate properties for banks by means of ML. I started as a senior and gradually assumed more roles and ended up being responsible for all technology in the company. I worked on SOAP/REST services, developed several web apps, scraped and cleaned lots of data for ML, tuned and enhanced ML algorithms, did DevOps and hiring interviews (~40).
- ✔ Migrated company to infrastructure-as-a-code (puppet)
- ✔ Implemented monitoring and alerting (zabbix)
- ✔ Significantly reduced time for a daily data scrape by redesigning the scraping robot from scratch
- ✔ Made process of gathering data predictable and measurable by introducing metrics collection and analysis (grafana, statsd)

Stack: java8, spring4, spring-boot, thymeleaf, nginx, puppet, jetty, tomcat7, grafana, zabbix, jenkins, mysql, redis

09/2011 – 02/2015, **Senior Software Engineer** at TezTour. One of the biggest tour operators in Russia. I was the main developer of a CRM system for travel agencies. I refactored it reducing codebase 3 times and improving responsiveness significantly. In half a year I designed and implemented a B2C solution for direct tour sales from the company website. Introduced CI and automated Selenium testing in the company. **Stack**: java7, maven, jenkins, oracle+pl/sql, spring, hibernate, jquery, gwt, jsp

11/2010 – 08/2011, **Junior Java Developer** at John Wiley and Sons. Wiley is a well-known book publisher and they had IT department in my city. After several months sabbatical I've decided to pivot my career from Perl to Java and got into the company. As a junior java developer I've closed a lot of long-standing bug reports. **Stack:** java7, ejb, jsf, marklogic.

01/2008 – 02/2010, **Software Developer** at Yandex. Hugely popular "russian Google". I was working in the statistics department. Our team was developing an internal analytics platform akin to Google Analytics, which used access logs as a source. I had to work with terabyte sized databases and to write effective aggregating SQL queries. My main duty was to implement statistical reports that were requested by other teams and used for A/B testing or KPI measurements.

06/2006 – 12/2007, **Software Developer** at Rambler&Co. Rambler is one of the oldest russian IT companies. Started as a search engine now it's a big media holding that operates multiple websites. I was working on Rambler's early social network "Planeta". Despite it wasn't that popular - the website received enough traffic so that performance started to matter. Here I learned about caches and their invalidation, database replication, scheduled backups, SQL query optimization. And obviously lots of HTML/CSS.

BSc in Computer Software Engineering, Moscow State Institute of Radio Engineering, Electronics and Automation, 2019
Engineer of Metalworking Machines, Moscow State Technical University, 2009