

# ANDREY KOLCHANOV

Software Engineer

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Please email for address and phone number

## PROFILE

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I am passionate about software design and development. I am excited about building scalable and highly available services, contributing to a system design and architecture, spreading knowledge about new technologies and making the world a better place. Main experiences: Java, Python, SOA, SQL, NoSQL, Agile Development, Unix, AWS.

## WORK EXPERIENCE

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**Yandex** ♦ *Backend Software Developer* ♦ *Moscow, Russia*

Nov 2017 – Present

Designed, developed and delivered various Yandex.Market billing services, including tariff management, fee calculation and reports.

- Contribution to the system design and architecture (in the team and across the teams); presented architecture decisions on the architecture committee
- Oracle 12g performance tuning (SQL Developer), Java performance tuning (VisualVM, Eclipse Memory Analyzer): reduced billing tasks execution time up to 60%
- Created an IntelliJ IDEA plugin to speed up unit tests writing (save up to 20% of development time)
- Conducted more than 50 technical interviews
- Mentoring

Java 8 - 11, Spring Framework 4 - 5, JUnit 5, Oracle 12g, Liquibase, Gradle, Swagger, REST API, TeamCity, GWT.

**WalletHub** ♦ *Backend Software Developer* ♦ *Washington, D.C. (remote)*

Oct 2016 – Aug 2017

- Extracted a key component from a monolithic app and deployed it as a microservice
- Designed and implemented new features for a testing tool; improved stability of the testing tool

Java 8, Spring Boot, Hibernate, Maven, Redis, AWS (Lambda, EC2, S3), REST API, Jenkins.

**Cisco Systems** ♦ *Software Developer Intern* ♦ *San Jose, CA*

Aug 2015 – Jul 2016

Building an SDN solution for Enterprise Networks (platform + applications).

- Implemented a service status and service lock features
- Reduced RAM requirements from 64 to 16 GB
- Created various scripts for source code publication, automatic REST API documentation, etc.

## EDUCATION

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**Massachusetts Institute of Technology** ♦ *Cambridge, MA*

Fall 2014

Special (exchange) student, Course 6 (courses: Computer Networks, Data Mining)

**Skolkovo Institute of Science and Technology** ♦ *Moscow, Russia*

Class of 2015

Master of Science in Information Technology

**Tomsk Polytechnic University** ♦ *Tomsk, Russia*

Class of 2014

Master of Science in Information Technology