

# ANDREY KOLCHANOV

## Java Software Engineer

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Please email for address and phone number

## PROFILE

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Java developer with four years experience, including experience in SDN and FinTech industry. Always keen to learn new technologies, and looking for working on products that can grow rapidly, offer unique features and solve people's problems.

- **Experience** in designing, building and deploying scalable, highly available systems
- **Computer languages:** Java (7 and 8), Python, HTML/CSS, JavaScript, C#, some experience with Ruby, C, C++
- **Frameworks:** Spring 4 (Core, Boot, MVC, Security), Hibernate, some experience with Django
- **Databases:** MySQL, PostgreSQL, Redis, MongoDB
- **Platforms:** AWS (Lambda, Kinesis, EC2, S3, DynamoDB), Microsoft Azure, VMware

## WORK EXPERIENCE

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**WalletHub** · *Backend Software Engineer* · *Washington, D.C. (remote)*

Oct 2016 – Aug 2017

1. Developed a framework for end-to-end testing;
2. Extracted the key component of the backend from a monolithic app and deployed it as a microservice;
3. Improved the testing tool for QA team to speed up manual testing (the developers' assistance is no longer required);
4. Designing and implementing various product features.

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

Aug 2015 – Jul 2016

Building SDN solution (a platform + apps for the platform) for Enterprise Networks.

1. Designed and implemented an application separation by removing services' cross dependencies. Now it is possible to install only a required group of services (called applications). Benefits: a) Reduced RAM requirements for some scenarios; b) App Store feature can be implemented now;
2. Reduced RAM requirements for lab installation (from 64 GB to 16 GB) by reducing a number of supporting devices in network, reducing heap size, a number of RabbitMQ threads, turning off Apache Flume;
3. Developed a status check feature to control a service's state and a service lock feature to prevent data loss during an installation;
4. Created various scripts for publication a source code, automatic REST API documentation, etc.

**Skolkovo Institute of Science and Technology** · *Teacher Assistant* · *Moscow, Russia*

Feb 2015 – Mar 2015

Helping Anatole Gershman, professor at Carnegie Mellon University, with various tools in Language Technologies, including improving online text translators, human speech building from statistical data, Nuance speech-to-text tool, Stanford Parser, etc.

**Ultima Interactive** · *CTO* · *Tomsk, Russia*

Aug 2010 – Sep 2012

Developing websites on WordPress and Drupal (HTML, JavaScript, JQuery, CSS), web projects (ASP.Net) and mobile solutions on Android (Java, Android SDK) for local customers.

## EDUCATION

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

Fall 2014

Special (exchange) student, Course 6

**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