

## EXPERIENCE

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### Amazon Web Services

*Software Development Engineer*

Seattle, WA

October 2018 - Current

Member of a team responsible for control plane of storage layer for Amazon Aurora - fully managed cloud-native relational database.

- Implemented framework to validate stability of different services after OS patching.
- Worked on framework for automated testing of project dependency outages handling (e.g. metadata storage outage).
- Helped to reduce operational costs by automating cleanup of unused and leaked resources.
- Refactored billing logic in order to optimise metadata storage utilization.

### RetailMeNot Inc. [via SoftServe]

*Senior Software Engineer / Team Lead*

Kyiv, Ukraine

March 2017 - September 2018

I led a team of developers responsible for highly-loaded and distributed service that performed automated checks of digital coupons validity and gift cards balances for more than 200 merchants in different countries.

- Worked as an engineering lead for distributed team of up to 9 developers.
- Helped to improve percentage of successful validation tasks from 87% to 96%.
- Participated in development of new subservice for automated testing of [RMN Genie](#) - browser extension that applies digital coupons for you.
- Set up full CI/CD system with Jenkins/Ansible/Packer instead of manual deployment process.
- Migrated multiple system components from Python 2 to Python 3.

### Cisco [via SoftServe]

*Software Engineer*

Kyiv, Ukraine

August 2016 - March 2017

Worked on refactoring and bugfixing of Cisco Content Security Management Appliance ([SMA](#)) software. Cisco SMA is a hardware appliance, that allows you to manage clusters of other hardware security appliances by Cisco, as well as centralize configuration management and reporting.

- Had experience working with codebase that contained more than 5 millions lines of code.
- Successfully delivered project on time.

### Avtobazar

*Junior Software Engineer*

Kyiv, Ukraine

June 2015 - August 2016

Was working as a full-stack developer for [ab.ua](#) - one of the biggest Ukrainian car selling marketplaces.

- Reachitected processing of media files, including storage, caching and UI interface for management.
- Worked on splitting monolithic application into multiple RESTful services.

## EDUCATION

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### National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

*Bachelor of Science in Computer Engineering; GPA: 3.5*

## EXTRACURRICULAR ACTIVITIES

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### Hackathons

- **CactusHack Kyiv 2016 - 1st place:** In 48 hours with a team of 2 developers implemented ML-based platform for remote learning, that had features like attention tracking, live streaming and fraud protection.
- **AngelHack Lviv 2016 - Finalist:** Developed prototype of GitHub-like system for musicians to collaborate on projects, with features like preservation of history of changes, visualization of notes sheet and online editor.

### Certifications

- **Leadership Development Program alumnus:** Graduated 9 months long internal program at SoftServe, created for potential managers and project leaders.
- **Brainbench Python 3.4 certification:** Scored 4.53/5.0. At the time of passing was in top 20 in the world. [Link to the transcript.](#)

### Other

- **Talk: "Internals of CPython memory":** Delivered a talk at KyivPy 2017 meetup: [link to the talk](#)
- **Interests:** Highload and distributed systems.