

# Roman Infianskas

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## WORK EXPERIENCE

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### Software Engineer

Mar 2020 — Mar 2024

Aiven

- Automated the introduction of new cloud regions and introduced 15 cloud regions, improving service plan availability and cost efficiency.
- Led the implementation of cost-effective VM instance types for AWS, Azure, and GCP, which assisted in a 50% price-performance upgrade across specific service plans.
- Implemented AWS CloudWatch integration for exporting Aiven service metrics to enable real-time monitoring and alerting.
- Created Exoscale tenant and extended image builder to support new OEM partner.
- Introduced database-level billing group management, exposed via API endpoints and internal tools, enabling consolidation of multiple services onto a single invoice to attract enterprise customers.
- Maintained an open-source Python client for Aiven by introducing support for new Aiven features, improving CI, and adding full type annotation.

### Software Engineer

Jan 2019 — Feb 2020

Network Optix

- Developed functional and integration tests for a Video Operating System, reducing manual testing and expediting release cycles.
- Developed plugins for person detection and tracking that runs on a CPU, this allows customers with budget hardware to use video analytics.

### Software Engineer

Mar 2018 — Dec 2018

KamaGames

- Built three Telegram bots: for Jira management, Telegram group administration, and cryptocurrency analysis to integrate a familiar interface into daily tasks.

### Software Engineer

Jul 2013 — Mar 2016

Tenso-M

- Created a pipeline for GNU/Linux distribution for weigh-in-motion systems, enabling bare-metal deployment under 20 minutes, and remotely maintained them.

## OPEN SOURCE CONTRIBUTIONS AND VOLUNTEERING

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**Maintainer**, Fedora Project ([src.fedoraproject.org/user/rominf](https://src.fedoraproject.org/user/rominf))

Nov 2021 — Present

- Packaged 17 and maintain 50 RPM packages for Fedora.

**Creator**, ConceptNet Lite ([github.com/ldtoolkit/conceptnet-lite](https://github.com/ldtoolkit/conceptnet-lite))

Aug 2019 — Nov 2019

- Created an SQLite-based [ConceptNet](#) wrapper for NLP scientists.

**Contributor**, Open Source Projects ([github.com/rominf](https://github.com/rominf))

Apr 2013 — Present

- Contributed to open-source projects on GitHub, including [gcsts](#), [KDE](#), [Sentry for Python](#), and [Salt](#).

## EDUCATION

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**Bauman Moscow State Technical University**

*Bachelor of Science in Software Engineering*

Sep 2011 — Jun 2015

- Diploma with honors; cumulative GPA: 3.83/4.0.
- Publication: "Filesystem for remote administration via SaltStack", Youth Scientific and Technical Bulletin, 2015.

## SKILLS

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- Languages:** English (full professional proficiency), Russian (native), Lithuanian (bilingual proficiency).
- Technologies:** Python, shell, Go, C++, asyncio, pytest, FastAPI, aiohttp, PostgreSQL, AWS, Azure, GCP, Fedora, RPM, OpenCV, OpenVINO, Telegram API, Jira, MongoDB, Salt, openSUSE, Docker, Mercurial, Redmine, SQLite.