

# Roman Infiiankas, Software Engineer

[rominf.github.io](https://rominf.github.io)

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## WORK EXPERIENCE

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- **Aiven** *Open-Source-Powered Databases as a Service* Helsinki, Finland  
*Software Engineer* (Python, asyncio, pytest, FastAPI, PostgreSQL, AWS, Azure, GCP) Mar 2020 – Mar 2024
  - **Cloud Region Automation:** Automated the introduction of new cloud regions and introduced 15 cloud regions, improving service plan availability and cost efficiency.
  - **Cloud Provider Support:** As the feature lead, I introduced cost-effective VM instance types for AWS, Azure, and GCP, which laid the groundwork for a 50% price-performance upgrade across specific service plans; implemented AWS CloudWatch metrics integration; contributed to a new OEM partner support Exoscale.
  - **Billing Groups:** 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.
  - **Open Source Python Client:** Maintained an open-source Python client for Aiven by introducing support for new Aiven features, improving CI, and adding full type annotation.
- **NetworkOptix** *Enterprise Video Operating System* Moscow, Russia  
*Software Engineer* (Python, pytest, C++, OpenCV, OpenVINO) Jan 2019 – Feb 2020
  - **Test Automation:** Developed functional and integration tests for Video Operating System, reducing manual testing and speeding up release cycles.
  - **Video Analytics Plugin:** Developed a plugin for person detection and tracking running on CPU, allowing customers with budget hardware to use video analytics.
- **KamaGames** *Game Development Studio* Moscow, Russia  
*Software Engineer* (Python, Telegram API, Jira, PostgreSQL) Mar 2018 – Dec 2018
  - **Telegram Bots:** Built Telegram bots for Jira management, Telegram group administration, and cryptocurrency analysis, integrating familiar interfaces into daily tasks.
- **Tenso-M** *Weight Measuring Company* Moscow, Russia  
*Software Engineer* (Python, Salt, openSUSE, Docker, PostgreSQL, Mercurial, Redmine) Jul 2013 – Mar 2016
  - **Linux Distribution Pipeline:** Created a pipeline for GNU/Linux distribution for weigh-in-motion systems, enabling bare-metal deployment under 20 minutes.
  - **Remote Maintenance:** Remotely maintained weigh-in-motion systems, reducing on-site service needs.
  - **Teamwork tools:** Implemented and maintained the version control system and project management tool for enhancing teamwork within the company.

## OPEN SOURCE CONTRIBUTIONS

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- **Fedora Project**  
*Maintainer* (RPM, Fedora, Python) Nov 2021 – Present
  - **Packaging and maintenance:** Packaged 17 and maintain 50 RPM packages for Fedora.
- **ConceptNet Lite**  
*Creator* (Python, SQLite, lmbd, peewee) Aug 2019 – Nov 2019
  - **Idea, implementation, and maintenance:** Created an SQLite-based ConceptNet wrapper for NLP scientists.
- **Open Source Projects**  
*Contributor* (Python, Go, C++, SQLite, asyncio, Qt, pytest, shell) Apr 2013 – Present
  - **PRs and issues:** Contributed to open-source projects on GitHub, including gcosts, KDE, and Sentry for Python.

## EDUCATION

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- **Bauman Moscow State Technical University** Moscow, Russia  
*Bachelor of Science in Software Engineering; GPA: 3.83* Sep 2011 – Jun 2015
  - **Publication:** Published article on "Filesystem for viewing system information and remote administration via SaltStack" in Youth Scientific and Technical Bulletin, August 2015.

## LANGUAGES

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- **English:** Full professional proficiency
- **Russian, Lithuanian:** Native or bilingual proficiency