

## EXPERIENCE

---

- **Aiven (Open-Source-Powered Databases as a Service)** Hybrid: Helsinki, Finland  
*Software Engineer* 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:** Introduced cost-effective VM instance types for AWS, Azure, GCP; implemented AWS CloudWatch metrics integration; contributed to a new OEM partner support (Exoscale).
  - **Billing Groups:** Introduced billing group management on database level, exposed it via API endpoints and internal tooling, attracting 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.
  - **Technologies:** Python, aiohttp, FastAPI, PostgreSQL, Fedora, AWS, Azure, GCP, Exoscale.
- **NetworkOptix (Enterprise Video Operating System)** Moscow, Russia  
*Software Engineer* Jan 2019 – Feb 2020
  - **Test Automation:** Developed functional and integration tests for Video Management 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.
  - **Technologies:** Python, pytest, C++, OpenCV, OpenVINO.
- **KamaGames (Game Development Studio)** Moscow, Russia  
*Software Engineer* Mar 2018 – Dec 2018
  - **Telegram Bots:** Built Telegram bots for Jira management, Telegram group administration, and cryptocurrency analysis, integrating familiar interfaces into daily tasks.
  - **Technologies:** Python, Telegram API, Jira, PostgreSQL.
- **Weight Measuring Company Tenso-M** Moscow, Russia  
*Software Engineer* 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:** Provided remote maintenance for weigh-in-motion systems, reducing the need for on-site service.
  - **Teamwork tools:** Implemented and maintained the version control system and project management tool for enhancing teamwork within the company.
  - **Technologies:** Python, SaltStack, openSUSE, Docker, PostgreSQL, Mercurial, Redmine.

## OPEN SOURCE CONTRIBUTIONS

---

- **Fedora Project** Maintainer of 50 RPM packages.  
*2021 – Present*
- **ConceptNet Lite** Created an SQLite-based wrapper for computational linguists.  
*2019 – 2021*
- **Open Source Projects** Contributed to 228 open-source projects on GitHub.  
*2012 – Present*

## EDUCATION

---

- **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.