Roman Inflianskas

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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.

EXPERIENCE

- **Aiven** — 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** — 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** — 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** — Kraskovo, 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