VALENTIN LUPACHEV

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Senior Software Engineer

SUMMARY

Results-oriented software engineer with over a decade of experience, skilled in full-stack development, scaling what's never meant to be scaled, observing async applications, and solving performance issues. Linux lover.

SKILLS

- Python 2.5-3.11
- Twisted, Tornado, Flask, FastAPI
- Yandex Cloud, VSphere, AWS
- Fabric, Ansible, Docker, Kubernetes
- Postgresql, Redis, Mongodb
- Zabbix, ELK, Prometheus, Grafana
- RabbitMQ, Kafka

- Linux
- netfilter, tcpdump
- haproxy
- nginx, apache
- Asterisk
- JavaScript/TypeScript
- AngularJS (yes, the older version)

WORK EXPERIENCE

Senior Software Engineer, C. Nord   **Nov 2012 - Jul 2023** (10+ years)

- Developed, integrated, and maintained a wide range of products that allowed the company to become the leading supplier of security hardware in the region and expand its market abroad. The list includes web, desktop, and mobile apps, automated call centers, embedded software, and internal tools
- Worked closely with major European banks on developing, integrating, and maintaining software for organizing security, cash-in-transit, and equipment maintenance
- Designed and implemented a range of TCP servers that can process up to 1M of persistent TCP connections
- Ensured the company kept working in a challenging geopolitical situation by migrating the services (~100 applications) to a different cloud provider in a matter of days

EDUCATION

Master of Science in Mechanical Engineering   **Sep 2007 - Jul 2012**
Northern (Arctic) Federal University

- Specialization in Computer-Aided Design Systems.
- Thesis on "Building an accurate 3D model of an Earth surface using cartographic data".

ADDITIONAL INFORMATION

- active member of a python community based in St Petersburg, Russia
- has given multiple speeches on local conferences