Vadim Kuznetsov

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Summary

11+ years of experience in designing and developing network security solutions and GNU/Linux distros tinkering. Self-development roadmap: spend more time for software design and less for coding. Moving from Python to Go tech stack.

Experience

Senior Software Engineer
CyberLympha

Jul 2022 - Present (1 year 2 months)
Working on the primary company's product - DATAPK.
- Migrated from Debian GNU/Linux to AltLinux Server.
- Designed and implemented a library of typed collections classes for the Redis.
- Designed and implemented a new CI for RPMs building.
These improvements cut a lot of technical debt and built a base for leaving docker containers.

Senior Software Engineer
Ideco

Oct 2011 - May 2022 (10 years 8 months)
Worked on the primary company's product - Ideco UTM.
- Designed, planned, developed and put into production: Antivirus; Firewall; IPS; Traffic shaper; VPN; Clustering; System installer; System updates; Network traffic reports.
- Made and completed a migration from Red Hat 9.0 to Fedora.
- Significantly changed the development workflow with SCM, code style, linters, podman and CI.
These improvements made the company one of the UTM solutions leaders.

Development Team Lead
Federal Space Agency

May 2008 - Aug 2011 (3 years 4 months)
Headed a group of five developers. Designed, developed and put into production a few software realtime emulators of spacecraft blocks. These emulators reduced the cost of purchasing equipment by 15 times and made a significant boost the quality control.

Software Developer
LLC UralProLine

Nov 2007 - Mar 2008 (5 months)
Customized and put into production a biometric authentication software solution. That led to several new contracts with a business center and two banking departments.

Software Developer

MUP Vodokanal

May 2007 - Aug 2007 (4 months)

Designed, developed and put into production a vehicle mileage accounting software solution.

Conducted users training course. The software halved the time for issuing vehicle cards and simplified a monthly reports.

Education

Engineer's degree, Automobile/Automotive Mechanics Technology/Technician

Jul 2001 - Jul 2007

Speciality: Automobiles and automobile services.

Skills

Problem Solving • Software Design • Backend Development • IPS • Web Application Firewalls • Python (Programming Language) • Linux • Antivirus • Firewalls • Deep Packet Inspection