Contact

dmitry.rojkov@gmail.com

www.linkedin.com/in/dmitry-rozhkov-12a1063 (LinkedIn)

rojkov.github.io/ (Blog)

www.openhub.net/accounts/rozhkov/positions (Portfolio)

github.com/rojkov/ (Portfolio)

Top Skills

Go (Programming Language)

Continuous Integration

Build Systems

Languages

Russian (Native or Bilingual)

English (Professional Working)

Swedish (Limited Working)

Dmitry Rozhkov

Software Engineer at Intel Corporation

Helsinki Area, Finland

Summary

Specialties: Cloud Technologies (Kubernetes, Envoy as load balancer and service mesh proxy, Go lang, C++), CI/CD (release machinery, build systems, python), Embedded development (C/C++, Qt/QML, Yocto)

Experience

Intel Corporation
Software Engineer
December 2015 - Present (4 years 6 months)
Espoo, Finland

I contribute to CNCF projects. Particularly I'm an official member of Kubernetes organization working on hardware enabling, optimizations for Intel CPUs and offloading to hardware accelerators (FPGA, QuickAssist, GPU). As a member of Envoy organization I contribute to the Envoy project (offload compression and crypto-operations to Intel QuickAssist hardware accelerators)

Worked on embedded Yocto-based projects to boot up Intel Joule compute modules, contributed to various open source projects from Linux kernel and systemd (implemented mDNS service discovery) to multiple subprojects of ROS (Robot OS). Was an official maintainer of the meta-ros Yocto layer.

Jolla
Software Engineer
March 2012 - November 2015 (3 years 9 months)
Helsinki, Finland

- Developed Sailfish Browser including UI and integration with the Gecko engine (C++, Qt/QML, Gecko's XPCOM).
- Developed localization automation which included integration of Pootle with SailfishOS release machinery (Python, Django, AMQP, OpenSUSE Build System).
- Designed and developed SailfishOS's "Settings" application (Qt/QML).

- At the early stage of the startup did troubleshooting in Linux kernel, ConnMan, HW resource policy management for the Jolla phone (C++, C, Prolog).

Nokia
Integration Specialist
May 2007 - March 2012 (4 years 11 months)
Helsinki, Finland

Designed and developed integration tools for the Maemo and the MeeGo projects including the build machinery supporting multiple toolchains and code istrumentalization, frontends, interfaces for external services (automated testing, customization, ABI compatibility checks, static code analysis) and the tools supporting the release workflow used by tens of teams and hundreds of developers from all over the world to synchronize the product development (i.e. Nokia N900, N9).

Nomovok Ltd.
Software Engineer
January 2007 - April 2007 (4 months)
Helsinki, Finland

Worked as a package maintainer and a pre-integrator for the Realtime Communication team in the Maemo project. Automated the release & integration process for the team.

OOO "DART"
Software Engineer
December 2005 - December 2006 (1 year 1 month)
St Petersburg, Russia; Helsinki, Finland

Worked as a package maintainer and a pre-integrator for the Realtime Communication team in the Maemo project. Automated the release & integration process for the team.

N/A
Private Consultant
August 2005 - November 2005 (4 months)
St Petersburg, Russia

Developed an intranet portal for the Piter publishing house and supported IT infra for few other companies.

Internet Security Alliance
Software Engineer

July 2002 - July 2005 (3 years 1 month)
St Petersburg, Russia

Developed and maintained server side infrastructure for a white-list based antivirus and firewall for Windows including its web-frontend, a billing subsystem and security audit.

Piter Publishing House
Unix System Administrator
June 2000 - July 2002 (2 years 2 months)
St Petersburg, Russia

Supported mail-, proxy- servers, firewalls and VPN of the offices in St.Petersburg, Moscow and other cities across Russia, Byelorussia and Ukraine. Worked on the web-store of the publishing house.

Sberbank
Information Security Officer
June 1999 - May 2000 (1 year)
St Petersburg, Russia

Gidropribor
System Engineer
March 1999 - May 1999 (3 months)
St Petersburg, Russia

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Education

Baltic State Technical University "VOENMEH" named after D.F. Ustinov
M.S., Rocket Science & Aerospace Engineering · (1993 - 1999)