

Ivan Tarasov, Israel, Rishon LeTsiyon

Software Developer / Linux Kernel Developer / Database developer

Contacts:

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Skills:

Linux, Linux kernel development, POSIX, TCP/IP, IPv6, GTK, ProtoBuf, C/C++, Java, Go, Perl, Python, JavaScript/jQuery, PHP, Ruby, D lang, bash/csh/ksh scripting, FreeBSD administration, SQLite, MySQL, PostgreSQL, PIPgSQL, KVM, Docker, Ant, Autotools, GNU make, Cmake, Git, Subversion, Mercurial, Redmine, JIRA, Jenkins

Languages:

English - Intermediate

Russian - Native

Hebrew - Learning

Employment History:

Linux Kernel Developer / Senior Linux Kernel Developer

4/2016 - 5/2022, LLC Confident/SoftProject

- Design, development and maintaining of the filesystem access control system based on LSM (C, Linux kernel: LSM, VFS, scheduler).
- Development of the external ports control management subsystem (C++, udev).
- Partial development of the building/deploying infrastructure for the projects.

Software Developer

5/2012 - 10/2014, Motorola Solutions

- Development of the inner company telecom products and tools (C/C++, IDL, ethereal/wireshark dissection API).
- Source control management and automation (Clearcase, bash, Solaris ksh, Active Perl).

Freelance Software Developer

8/2011 - 4/2012, customer - St. Petersburg Psychology and Acmeology Private University

- Full cycle development of the crossplatform psychology testing software (GTK, libsvg, D language).

Database Developer

9/2010 - 12/2011, LLC ProxyCentre

- Redesign and rework the legacy DBMS to support the first stage of the APEC Russia 2012 event (PostgreSQL).
- Development of the DB ordinary stored procedures and procedures/libraries to intercommunicate to other APEC infrastructure units (plPgSQL/plRuby/libpq).

Software Engineer / Senior Software Engineer

8/2008 - 12/2009, CJSC "NTC RIF"

- Embedded systems programming (C, QNX).
- Development of realtime analog signal processing software.
- Application development for Windows platform (Visual C/C++).
- Project management, software architecture and development of the computer control system for the mobile diesel power plant.

Software Engineer

10/2005 - 7/2008, CJSC "NPP Systema"

- Software development for Windows and Linux platforms (C/C++, Java).
- Partial development and testing of the military survivability expert system for a ship.
- Partial development of the weapons accounting and management software.
- OSS systems and technologies integration (Linux, FreeBSD, PostgreSQL).

Web developer / System Administrator

2/2004 - 5/2005, LLC BlackCat

- Development of the content management system (Apache, PHP, MySQL).
- Development and support of the accounting system of payments (Perl, MySQL).
- Database administration.
- Local server administration (FreeBSD).

Education:

1996-1998, St. Petersburg State Technological Institute

1998-2000, St. Petersburg Electrotechnical University