

Mykola Golub

Software Engineer

R&D, [TOA Technologies/Inbitec](#), Lviv, Ukraine.

to.my.trociny@gmail.com

+380953674679

Skills:

- Fundamental knowledge in Unix-like operating systems, good knowledge of FreeBSD on system/kernel level (networking, file systems, storage) with development and troubleshooting experience, not so advanced but still good knowledge of NetBSD and Linux. Developing of high performance, multithreading, distributed, fault tolerant systems. Network and application levels protocols: TCP/IP, SMTP, SNMP, FTP, HTTP, SOAP, REST.
- Programming languages (sorted by experience): C, C++, Shell, SQL, PHP, Perl, Erlang, Python, Tcl, Ruby, Lisp.
- Development tools: make, gdb, valgrind, coverity, git, subversion, cvs.
- Applications: LeoFS, OpenStack Swift, MogileFS, MySQL, Redis, Nginx, Apache, Tomcat, Postfix, Sendmail, Bind, PowerDNS, FTP, Samba, Nagios, SNMP, RRDTOols.

Employment history:

05/2014 – to date **Software Engineer**
R&D, [TOA Technologies/Inbitec](#), Lviv, Ukraine.

02/2011 – 05/2014 **Software Engineer**
R&D, [TOA Technologies/Inbitec](#), Kharkiv, Ukraine.

Developing (C, C++, PHP, SQL, Shell) high performance, multithreading, distributed backend applications, implementing functions like data collection and processing, user authentication and authorization, system configuration and management, automation, logging, interfacing with web services, MySQL, Redis, OpenStack and Amazon S3 distributed storage,

10/2007 – 01/2011 **Support Engineer**
SA, [TOA Technologies/TOA Ukraine](#), Kharkiv.

Developing (C, Perl, Shell, PHP) and administering system for monitoring company provided services.

Troubleshooting issues that involve our (C, C++, PHP, SQL) and third party applications (Nginx, Apache, FreeBSD, MySQL), working with developers and clients to resolve the problems.

12/2005 – 09/2011 **Remote System Administrator**
[World Dating Partners](#).

Building and administering high-available DNS and email system with PowerDNS, Postfix, Courier, Dovecot and MySQL, serving thousands of domains. Developing monitoring and statistics collection system with Nagios, Net-SNMP and Cacti.

Administering servers for company web products development (web servers, databases, version control system, build-system, remote file access and sharing, backup). Providing Internet access for coworkers (routing, firewall, shaping, VPN) and communication (SMTP and Jabber).

**07/2004 – 10/2007 System Administrator
INEC, Kharkiv.**

Administering network infrastructure for the company with several hundreds employees and several offices in Kharkiv, which involved: installation, configuration, testing and monitoring of network equipment (Cisco routers, DSL-modems, switches, hubs, cabling); installation and administration of Unix servers with DNS, mail, web, FTP, samba, proxy, database services, routers; development of network monitoring based on Nagios, Cacti, Net-SNMP.

**03/2004 – 06/2004 Physicist
09/1999 – 02/2004 PhD student
Institute for Molecular Physics, Poznan, Poland.**

Developing the system for production of organic conducting composites, developing the measurement system for investigation of electrical properties of materials in 2-300K temperatures range, writing the software for automation of measurements and experimental data analysis. The results of investigation were published in more than 15 scientific papers and became a basis for the PhD thesis.

Investigating organic conducting materials.

Open source projects:

FreeBSD [src](#) and [ports](#) committer.

[bsnmp-ucd](#), [hastmon](#), [gather](#), and [other little google code](#).

Education:

2004 Ph.D. in Physics.
Institute for Molecular Physics, Poznan, Poland.

1999 M.S. in Physics.
Karasin State University and B. Verkin Institute for Low Temperature Physics and Engineering, Kharkiv, Ukraine.

Kharkiv National Academy of Law.

Languages:

Russian, Ukrainian, English, Polish.