

Péter Károly JUHÁSZ



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SUMMARY

I was born in 1980, in Budapest, Hungary. I was learning to Programmer Mathematician but working as a System Administrator.

I am interested in: server administration, artificial intelligence, network security, P2P technologies and distributed systems.

My hobbies includes: programing, computers, Android, hiking, play the game of go, unicycling, learning Chinese, flight simulation, ...

EXPERIENCE

System Administrator, BalaBit IT Security Ltd. Budapest, Hungary — 2009-present

Working as a System Administrator. Managing hardware and software, and giving user support. Responsible for the internal (web-, e-mail-, LDAP-, Asterisk-, Groupware, Samba-, database-servers; Zorp firewall) and outer (web-, mail-, DNS-servers) systems. Primary administrator for vSphere ESXi cluster. My daily routine contains managing backups, monitoring systems, installing and upgrading servers and managing firewalls. Doing system integration. Also carrying long term projects.

Accomplishments

- New backup system based on ZFS
- iSCSI storage system
- Microsoft Terminal server integration
- Introducing LDAP replication
- Moving to new office, configuring new firewall
- Introducing SOGo groupware
- Building new public web-server
- Deploying vSphere ESXi 5.0 cluster, based on old 4.1 one
- Building Single Point of Failure free company website in Amazon AWS (GlusterFS, EC2, ELB, Auto Scaling, RDS, NFS, Route53, cloud-init)

Keywords

- KVM, LVM, iSCSI, OpenLDAP, postfix, rsync, nagios, munin, Zorp firewall, syslog-ng, SCB, SSB, Asterisk, Courier, Cyrus, OpenVPN, BIND, Apache, MySQL, Linksys LCLI, ZFS, VMware ESXi, SALT, Varnish, Amazon AWS, Veeam Backup & Replication

System Administrator, Vital-ker Ltd. Budapest, Hungary — 2007-2009

Working as the primary System Administrator. Managing hardware and software, and giving user support. Responsible for the internal (Samba-, MySQL-servers) and outer (web-, mail-, DNS-servers) systems. Doing supplies, and decision making. Me and my college were the responsible for the IT of this company.

Accomplishments

- New backup system
- New e-mail system
- Replacing old, not managed servers (hardware and software)

- Company's first public server

Keywords

- OpenVPN, Exim, Courier IMAP, Samba, BIND, Apache, MySQL

Freelancer System Administrator and Web Developer

Budapest, Hungary — 2004-2007

Running own server and giving web and e-mail services for customers.
Developing web applications.

Accomplishments

- First public server

Keywords

- Exim, Courier IMAP, BIND, Apache, MySQL

EDUCATION

VMware Certified Professional 5 - Data Center Virtualization

Successful exam — 2014, 2016

BalaBit Certified Zorp Associate

Don't have an exam — 2010

Eötvös Loránd University, Faculty of Sciences

MSC Graduation of programmer mathematician — 2006-2008

Thesis title: Web statistics making methods

Keywords: AJAX, CSS, HTML, statistics, web, sequential pattern mining

Eötvös Loránd University, Faculty of Sciences

BSC Graduation of programmer mathematician — 1999-2006

Thesis title: Chess program

Keywords: artificial intelligence, two player games, alpha-beta search, TD-Lambda, perceptron

SKILLS

- Operating Systems: GNU/Linux (Ubuntu, Arch), Android, Windows
- Virtualization platforms: VMware vSphere, KVM, VirtualBox, LXC
- Programming languages: Ada, Assembly, Bash, BASIC, C, C++, Java, Perl, PHP
- Server applications: Apache, Asterisk, BackupPC, BIND, Courier, Cyrus, Exim, Git, KVM, Munin, MySQL, Nagios, netfilter, Open-iSCSI, OpenLDAP, OpenVPN, postfix, Pure FTP, rsync, Lighttpd, LVM, LXC, SCB, SSB, syslog-ng, Zorp firewall
- Web skills: AJAX, CSS, HTML
- Office skills: GIMP, LaTeX, Libreoffice

LANGUAGE SKILLS

- Hungarian: native
- English: intermediate level
- French: basic level
- Chinese: HSK3

REFERENCES

- Presentation on Hacktivity 2.0 security conference in 2004 on Port scanning, remote Operating System detection and TCP hijacking
- Paper: [Remote Operating System detection](#)
- Paper: [Port scanning and TCP hijacking](#)
- [Hungarian Go Association](#)'s web page
- [Hungarian Go Wiki](#) web page
- [Server Fault profile](#)
- Reviewer of the book: [Learning Nagios 4 \(ISBN 139781783288649\)](#)
- Reviewer of the book: [VMware vSphere Troubleshooting \(ISBN 9781783551767\)](#)