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Curriculum Vitae

System administrator and Linux-enthusiast

Qualification profile

IT-qualifications:

- ✓ Extensive knowledge about networks and distributed applications including VoIP, HTTP, POP3 og SMTP.
- ✓ Extensive experience with the design and implementation of distributed solutions including VoIP, web, Java, replicated databases and redundant mail servers.
- ✓ Experience with IT security including cryptography, firewalls, vulnerability scanning and preparation of IT security policy.
- ✓ Experience with vulnerability assesment.
- ✓ Knowledge of preparation and performing security reviews and risk assesment.
- ✓ Extensive experience with project work and Internet based collaboration.
- ✓ Experience with XML based applications.
- ✓ Experience with web development and scripting, including Bash, Perl and PHP.
- ✓ Experience with configuration and operation of Windows and Linux based servers and clients including networking hardware.
- ✓ Experience with the design, implementation and recovery of SQL databases.
- ✓ Experience with data integration and data modelling with UML and ER diagrams.
- ✓ Experience with programming in Java and C/C++.
- ✓ Experience with the software engineering method Object Oriented Analysis and Design.
- ✓ Extensive knowledge and experience with Linux and Open Source applications.
- ✓ Good ability to accumulate knowledge in new problem fields.

Communication:

- ✓ Experience with user support.
- ✓ Experience with writing documentation.
- ✓ Experience with teaching and instruction of students.

Personal qualifications:

- ✓ Independent.
- ✓ Analytical.
- ✓ Humorous.
- ✓ Curious.

References:

- ✓ Further recommendations available upon request.
- ✓ <http://dk.linkedin.com/in/jaervosz> - My public Linkedin profile.
- ✓ <http://www.itu.dk/people/jaervosz/> - Online edition of my thesis and some assignments and projects (most in Danish).

Working experience

2010-	Linux developer , Universal Gateway Solutions. Linux sysadmin and developer.
2006-	Independent IT consultant , kloppenborg.net. Open Source consulting (Asterisk, Nagios, Linux).
2010	VOIP developer , ZitCom Tele. Developing telco VOIP solutions.
2007-2010	Senior Linux Consultant , Mergeit. Open Source consulting (Xen, Asterisk, Nagios, Linux), business development and recruiting.
2007-2009	Senior systems manager , Mobilethink A/S. System administration of large telco ASP, as well as Technical project lead for premise solutions on three continents.
2005-2006	IT consultant , Psychiatric Hospital, Risskov. Development of a distributed Asterisk VoIP solution and general Linux system administration.
2003-2005	Operations technician , DIR A/S. Systemadministration of Linux, Windows and networking equipment as well as development of Linux server based solutions.
2003	Academic IT-worker , Danish Centre for Urban History. Web development and dataintegration on the Digital Town Gate.
2003	Consultant (freelance), ClockWork Reklamebureau. Error debugging and correction of networks and servers. Advisory role in the deployment and installation of Gentoo Linux servers.
2002-2003	Assisting teacher in the course Networks and protocols at the IT University of Copenhagen. Teaching and instruction of students primarily about TCP/IP.
2001	Webdeveloper (freelance), Youth Quake. Development of calendar system in PHP and MySQL.
2000-2001	Private education of university students in Obejct Oriented Java programming.
2000	System assistant (freelance), edu!. Assisting in the deployment of Windows 2000 and laptops in a large world wide organization.
1993-2000	Postal worker , Post Danmark, Ejby. Delivery of packets and letters every Saturday and full time during long periods of time.

Education

2006	Foundation Certificate in IT Service Management.
2001-2003	Master of Science in IT, Internet technology from the IT University of Copenhagen. In my thesis I developed a simulation of different search algorithms in peer-to-peer networks written in C++.
2000-2001	Multimedia at IT-Vest Aarhus University.
1996-2000	Bachelor in History Aarhus University.
1995-1996	Basic science course Odense University.
1992-1995	General Certificate of Education A-level, math Middelfart Upper Secondary School.

Technology and application experience

OS	Expert in GNU/Linux (Gentoo, Debian, Ubuntu, CentOS, GNAP (embedded), Red Hat, SUSE, Mandriva) og Windows (98/ME/2000/XP/2003 Server).
Languages	Bash, C/C++, CSS, DocBook, HTML, Java, JavaScript, Perl, PHP, SQL, VB, XML og XSLT.
Sysadm	Xen, KVM, Nagios, Asterisk, OpenSER, Postfix, Apache, MySQL, Spamassassin, Amavisd-new, lighttpd, CVS, Puppet, Cfengine, iptables, Samba, Subversion, NFS, Tomcat, MS SQL Server, MS IIS.
Network	Experience with TCP/IP, including firewalls, WIFI, routers, switches, mail and web.
Others	ViM, awk, sed and L ^A T _E X.

Various

Languages	English: Very good after many years of practicing both in writing and speaking. German: Primary school. French: High school.
Spare time	Linux: Installation of Linux on all kind of machines I can lay my hands on. I've been rolling my own fork of GNAP since 2005, it includes Asterisk as well as up to date uclibc build with GCC 4.4. IT security including <i>Operational co-manager</i> for the Gentoo Linux Security Team , <i>editor</i> of the Gentoo Linux Security Guide and <i>author</i> of the Gentoo mailfiltering gateway guide . Role playing games: Previously I played a lot of <i>Advanced Dungeons & Dragons</i> with some of my friends. Later on I've been playing in some online PBeM games. Biking: I'm very fond of a good morning ride and generally an early riser. Travelling: I love to travel with my backpack and experience new things and places. Lately I've been to New Zealand, Tanzania, Morocco, Iceland, USA and others.

Various (suite)

Social: I enjoy sharing a cup of coffee with my wife or my friends.