

Curriculum Vitae



Personal details:

Name: Michał Kowalczyk
Nationality: Polish
Birth date and place: 1 October 1982, Gdańsk, Poland
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Professional experience:

January 2012 - to date **C/C++ Unix/Linux software developer engineer at IVONA Software Sp. z o.o.**

September 2005 - December 2011: **C/C++ Solaris/Linux programmer at Wirtualna Polska S.A.**
June 2010 - December 2011: senior C/C++ programmer at R&D department
September 2007 - June 2010: C/C++ programmer at R&D department
August 2005 - September 2007: UNIX programmer at e-mail service development group

Senior C/C++ programmer at the biggest Polish web portal (<http://wp.pl/>), developing real-time, scalable, distributed, large-scale (millions of concurrent users, petabytes of data), server-side functionalities, mainly for free mail system (<http://poczta.wp.pl/>).

January 2005 - September 2010: **System/Network administrator at Vide-Sat s.c.**
Remote Linux servers administrator (mail, web server, firewall, NAT, DNS, DHCP, QoS) and network (SHDSL modems and Nortel managed switches) for an ISP (<http://vide-sat.pl/>).

July 2004 - February 2008: **System/Network administrator at Virtual Net**
Remote Linux servers administrator (mail, web server, firewall, NAT, DNS, DHCP, QoS) and network for an ISP/hosting service (<http://vnet.pl/>).

September 2004 - September 2006: **System/Network administrator at SKOS PG (academic campus)**
Linux servers administrator (mail, web server, firewall, DNS, DHCP) and network (HP Procurve, 3com switches, Ethernet installations) at my university campus (<http://skos.ds.pg.gda.pl/>).
Author of custom SNMP-based network devices statistics poller.

May 2005 - November 2005: **System administrator at Progress Consulting**
Remote Linux servers administrator (mail, web server, firewall, NAT, DNS, DHCP, QoS) for an ISP.

September 2002 - January 2004: **Owner of "Tux" IT company**
The company was offering outsourcing solutions for small bussiness.

July 2001 - October 2001: **System/Network administrator at Intersat Internet Cafe**
Linux server/firewall administrator, using satellite Internet link via DVB card (satellite Chello and Europe OnLine).

January 2001 - May 2001: **System administrator at Sopocki Klub Tenisowy**
<http://www.skt.com.pl/>

October 2000 - May 2001: **System/network administrator and C/Perl/PHP programmer at Unitek.pl startup**
Linux servers and network administrator and developer of free mail service backend.

Education:

2001 - 2007: **Master of Science in Computer networking and information systems (main speciality) and Software Engineering and Databases (supplemental speciality)**
Gdańsk University of Technology,
Faculty of Electronics, Telecommunications and Informatics,
Department of Computer Communications,
Course: Electronics and Telecommunications,

As a master thesis I have implemented authorization and authentication support (based on IETF draft *draft-ram-dhc-dhcpv6-aaakey-00*) in Dibbler - Portable DHCPv6 client/server (<http://klub.com.pl/dhcpv6/>)

1997 - 2001: Gdynia High School No. 3 (International Baccalaureate School No. 0704),
mathematics-informatics-chemistry-physics profiled class with advanced English learning programme

Skills and qualifications:

- over 10 years of experience in UNIX systems administration (Linux and Oracle Solaris)
- over 6 years of experience in developing real-time, large scale, distributed server software
- over 5 years of experience in network administration
- strong C, C++, Perl, PHP, Python, shell programming skills
- good Java, HTML, CSS, SQL knowledge
- experience in developing Android applications
- experience in using revision control and code review tools: git, gerrit, gitolite, CVS, Subversion
- experience in Sun/Oracle technologies: ZFS, Oracle Solaris Containers (zones), DTrace
- experience in mdb, dbx, gdb debuggers
- very good knowledge of computer networks standards and protocols
- good knowledge and years of experience in QoS mechanisms (especially HTB, HFSC, SFQ)
- known languages: English - fluent, German - basic
- ability to learn new technologies, programming languages, environments and systems
- EU drivers licence (category B)

Interests:

- Informatics, telecommunication, programming - I have owned a computer ever since I was six years old (it was then that I became interested in programming in Basic on Commodore 64)
- Unix-like operating systems - especially Linux, Android and Solaris/OpenSolaris
- Computer networks and data communications
- Video games

References:

References and further information on request.