



Kamil Czarnecki

Curriculum Vitae

"Logic will get you from A to Z; imagination will get you everywhere." - Albert Einstein

Summary

in short IT Specialist, DevOps and AWS Cloud Engineer - **responsible** for implementing and maintaining IT solutions with **huge** and wide technical **knowledge and experience**. Analysing Operating Enviroments and Business Needs with **excellent organisation and communication** skills. Very **organised** person with good **analytic** and logic thinking, **honest**, dutifull and **creative**. Good **team player**. An experienced and curious problem **solver**, who adapts to challenging situations and **learns quickly and constantly**. An aptitude for hard work with an ability to manage multiple tasks **efficiently** and a positive 'can- do' attitude.

Personal development and learning new, current technologies is very important in IT – so I'm doing my best to be aligned with it as well. I have planned (and started already) the whole education and certification path of cloud technologies (AWS and Azure). I recently prepared bunch of scripts which makes AWS EC2, Lambda, Event-Bridge, IAM, and couple of related features as easy to use as possible (https://github.com/kamoyl/AWS_automation). My responsibilities at work are to design and implement (and migrate to AWS) all automation in processes realated to management and maintenance of Teradata system. I personally design some of crucial, commonly used solutions in KPN - from the perspective of systems and cloud engineering.

I'm born engineer, interested in Science&Technology, treating IT as a hobby with passion – testing and learning new solutions at home on my own complex network.,

My motto: Automation is the key (especially in the cloud)

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GitHub: <https://github.com/kamoyl>

Experience

Feb2016 – **Senior System and Network Engineer**, KONINKLIJKE KPN N.V., Den Haag, the Netherlands.

Main activities and responsibilities:

- Automation of creating/deployment environment in AWS (https://github.com/kamoyl/AWS_automation)
- Automation of management of Teradata environment (on-site and in AWS environment):
 - Generating performance and security reports (Teradata client tools, bash, python);
 - Automatically creating Jira tickets based on automatically generated performance reports;
 - Sending notifications regarding to issues (email, slack) with automatically generated documentation in \LaTeX ;
 - Management confluence pages with current and history reports – also automatically;
- Management of automation deployment platform
 - design and architecture of Teradata ecosystem;
 - migration of automation tools, and deployment platform to AWS;
 - management firewall access;
 - management of deployment system (Jenkins);
 - slack and email integration;
- design and management of tools for zoning relaying;
- architecture and design consultations;

Jan2015 – **Linux System Engineer**, COMPAREGROUP, Utrecht, the Netherlands.

Jan2016 Main activities and responsibilities:

- Automation and configuration management of infrastructure (Puppet/MCollective/git/r10k/jenkins);
- Linux/Windows engineering;
- VMWare ESXi maintenance and management;
- Management of hardware (DELL servers and blades, EMC and Equallogic storage solutions etc.) and software server solutions;
- Design and implementation of innovations;
- Setup and maintenance of file (CEPH, CIFS), and DB systems (Percona MySQL);
- Implementation and maintenance of backup solution (Bacula/Bareos);
- Office desktop and network support;

Aug2014 – **System&Security Engineer**, CMNTY, Eindhoven, the Netherlands.

Nov2014 Main activities and responsibilities:

- Security of infrastructure systems and customer cloud services – procedures and instructions creation;
- Automation and configuration management of infrastructure and customer systems;
- Design and maintenance web-accelerators/reverse-proxies, httpd servers (also active/active nodes), MySQL clusters (with DRBD backend) etc.;
- Cluster solution design (based on RedHat pacemaker/corosync solutions);
- Office desktop and network support;
- Involvement in procedures and best practices in IT area;

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- aug2013 – **System&Tools Engineer**, BACKBASE, Amsterdam, the Netherlands.
- aug2014 Main activities and responsibilities:
- Setup and maintenance of file– and web servers (Linux&Windows Server);
 - Setup and maintenance of Application (Tomcat, JBoss) and/or Database Servers (MSSQL&MySQL);
 - Setup and maintenance of network infrastructure (VPN/Router/Switches) and security management;
 - Setup and maintenance VM's infrastructure: vSphere&AWS infrastructure;
 - Design and setup of RedHat clusters (pacemaker/cman/corosync);
 - Design and setup web–accelerators, proxies, https terminators, web cache solutions (varnish, pound, apache);
 - Automation of deployment and installation (puppet) of infrastructure systems/services;
 - Backup management;
 - Co–define infrastructure policies and procedures;
 - Mentor and Cross–train departmental staff, and collaborate on inter–departmental projects.
- aug2012 – **Technical Solution Manager**, IBM GLOBAL SERVICES DELIVERY CENTER SP.
- may2013 z o.o., Wroclaw, Poland.
- Main activities and responsibilities:
- manage technical team of: developers, specialists, customer support etc.
 - manage customer requirements and links those requirements to IBM's solution
 - preparation of RfS's
- jul2010 – **IT Specialist**, SWISSRE AG (IBM CONTRACTOR), Zurich, Switzerland.
- feb2011 Main activities and responsibilities:
- maintenance of Unix (AIX/Solaris/Linux SLES)/Windows operating environment
 - event handling, incidents solving and support changes (RfC/RfD)
 - maintenance and management of VMWare environment (vSphere)
- mar2010 – **Senior IT Specialist/shift leader of Unix team**, IBM GLOBAL SERVICES
- jul2012 DELIVERY CENTER SP. z o.o., Wroclaw, Poland.
- Main activities and responsibilities:
- administration and maintenance of Unix operating environment: SLES (physical and VMWare), AIX (LPAR) and Solaris
 - management of PowerHA and Veritas Cluster (Solaris environment)
 - maintenance and management of VMWare environment (vSphere with HA, live migration feature)
 - incident (resolving customer tickets) and change management (implementation of changes)
 - security issues management and privileged account management
 - redesign of customer systems
- jan2008 – **IT Specialist**, BANK ZACHODNI WBK S.A., Wroclaw, Poland.
- feb2010 Main activities and responsibilities:
- administration and maintenance of Wintel/Unix environment (Windows 2003 servers, file servers, AD, windows cluster, MOSS 2007, SLES, Tomcat, AIX 5L)
 - management (resolving, dispatching and statistical analysis) of task changes and incident tickets;
 - implementation of Bank Intranet solution (based on software load balancers (Apache reverse proxy) and Tomcat (application server) with AD access control)

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aug2005 – **Project manager**, WROCLAW CENTRE FOR TECHNOLOGY TRANSFER, Wroclaw,
sep2007 Poland.

Main activities and responsibilities:

- management of two projects: Rozwój Regionalnego Systemu Innowacji (Building and management the network of technology transfer between universities and companies) and Nanomat (Supraregional Network for Nanotechnology Materials);
- management of IT system, consultancy in implementation of MS Project Server in WCTT

apr2004 – **IT specialist**, INTER-SYSTEM SP. Z O.O., Wroclaw, Poland.

dec2008 Main activities and responsibilities:

- design and build whole IT system: from servers and workstations to implementation of applications:
 - operating systems (Linux RHEL, Windows 2003 Server with AD, Windows XP) and security management (firewall, IDS etc.)
 - DB (MS SQL) administration;
 - backup planning and automation

may2001 – **Manager of R&D Department**, ALKAM GROUP SP. Z O.O./SSI S.A., Wroclaw,
jul2005 Poland.

Main activities and responsibilities:

- management and design of CCTV projects;
- consultancy of security systems design (CCTV);
- architecture creation, design and development of DIGIWinner system (distributed client-server CCTV system)
- documentation and specification creation (L^AT_EX 2_ε with CVS);
- management of IT department;
- design and implementation of IT system based on KVM virtualization hypervisor (with HA and live migration features)

jul1999 – **IT manager**, WROCLAW HOSPITAL OF MENTAL HEALTH, Wroclaw, Poland.

apr2002 Main activities and responsibilities:

- design and build IT system in hospital (from network to applications);
- configuration, administration and maintenance IT system in hospital (HW and SW);
- management of IT department

One-man-business, owner

nov2003 – **Consultant, IT specialist, IT architect, manager**, ITC KAMIL CZARNECKI,
jun2013 Wroclaw, Poland.

Main activities and responsibilities:

- creating architecture and design (based on either physical or virtual techniques: KVM, VMWare, Hyper-V) of customer IT systems (SME's)
- administration of Unix/Linux/Windows environments
- administration and implementation of servers, storage, networks, security and applications (ERP/MRP/CRM)
- consultancy and implementation in security area (access control, secure system management, central logging, firewalling etc.)

Parttime job next to study

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oct1996 – **working student – IT**, WROCLAW UNIVERSITY OF TECHNOLOGY, DEPARTMENT
nov2000 OF COMPUTER SCIENCE AND MANAGEMENT, Wroclaw, Poland.

Main activities and responsibilities:

- administration, configuration, support etc. of Department of Computer Science servers and workstations (Debian linux, Solaris, SCO and AIX on RS/6000), applications and network;
- responsibility for student IT laboratory

Education

2007 **Wroclaw Centre for Technology Transfer**, Wroclaw, Poland.
Quality Management

1996 – 1999 **Wroclaw University of Technology**, *M.Sc. Eng. in Computer Science and Management*, Wroclaw, Poland.
Control Systems

1994 – 1998 **Wroclaw University of Technology**, *M.Sc. Eng. in Biotechnology*, Wroclaw, Poland.
Molecular Biology and Genetic Engineering

1991 – 1994 **Secondary School (VWO, Junior High School) No. XII**, Wroclaw, Poland.

Languages

Polish Mothertongue
English Fluent
German Intermediate
Dutch Basic

Trainings

planned AWS Certified Security - Specialty
planned AWS Certified DevOps Engineer - Professional
planned AWS Certified SysOps Administrator - Associate
planned AWS Certified Developer - Associate
planned AWS Certified Solutions Architect - Professional
AWS Certified Solutions Architect Associate SAA-C02
Red Hat Ceph Storage Architecture and Administration
AIX 6 Jumpstart for UNIX Professionals
PowerHA for AIX I: Implementation, Configuration and Administration
PowerHA for AIX II: Extended Administration and Problem Determination
System-p LPAR and Virtualization I: Planning and Configuration
Solaris 10 System Administration (Exam CX-310-202), Part I & II
MOSS 2007 - Availability, Backup and Restore
Implementing and Managing Microsoft Exchange Server 2003
IBM IT Architect Foundation Program

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MCP ID# 2449652
Advanced Certificate In English
Rudiments of Project Management

Miscellaneous

Artistic skills Professional Ballroom Dancer had trained for over 15 years
Driving B type
license

Interests

- Dancing
- Psychology
- Fitness
- Snowboarding
- Science&Technology
- Sport