

# CURRICULUM VITAE

## Richard PETHES (James Cage)

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### WORK EXPERIENCE

#### 2017-2017 Senior IT Manager @ Imbio (Greater Minneapolis, MN USA)

- Assisting and advising the Developers by working closely with them
- Planning and implementing the infrastructure cost decrease by revisiting the complete IT environment
- Work on automating repetitive IT tasks (for example: Ansible)
- Prepare the HIPAA compliance of the company
- Testing the ICCP application to eliminate bugs
- Administration of production services and systems in the cloud (AWS)

#### Achievements:

- HIPAA Awareness Certification
- Improved stability, reliability and security

#### 2015-2016 IT Infrastructure Manager @ Planorama (Paris France, Budapest)

- Lead in-house IT staff and communicate with third-party consultants
- Create and maintain documentation as it relates to the IT Infrastructure network design, processes, and business continuity plans.
- Administration of production services and systems in the cloud (Amazon Web Services 150+ Linux apps/servers, 81 Linux app/server in vSphere environment, MongoDB servers, Heroku)
- Responsible of the IT purchase ordering system and keeping the inventory
- Monitoring and maintenance of the company's network (multiple offices + nomad users) (LAN/WAN, VLAN, VPN, VoIP solutions)
- Anticipate problems but effectively manage and timely resolve IT Infrastructure incidents.
- Assisting and advising our DevOps team by working closely with them
- Planning and implementing the infrastructure cost decrease by revisiting the complete IT environment
- Work on automating repetitive IT tasks (for example: Ansible)

#### Achievements:

- Saved 7000€ monthly by revisiting the infrastructure
- Upgraded all end of life, not supported OS versions to the latest Long-term Supported
- Improved stability, reliability and security
- Became "PlanoChampion 2015" after 3 months
- Were promoted after 6 months in the role
- Built a new team/division (not just hiring, also managing the workflow) for the company
- Deputy CTO for 3 months

#### 2010-2015 Lead System Engineer, VMWare Admin @ MWLAN (VirtuALL)

- Lead in-house staff (6 engineers) and third-party consultants
- Direct operations for complex and advanced Information technology environment.
- Design information architecture with full responsibility for systems security and business continuity.
- Develop total systems solutions within project time lines and cost constraints.
- Create technical documentations including change management, access control matrix, disaster recovery and business continuity planning
- Provide business information analysis and process improvement initiatives to our clients.
- Perform functional analysis and cost – benefit studies to determine proper allocation of resources.

### SKILLS

- Leadership experience (6 years)
- Amazon Web Services
- IT Service Management
- IT Architecture
- Virtualization (VMWare / Hyper-V)
- Cloud Computing (Public / Private)
- OS X (Desktop / Server)
- Debian & Ubuntu (Desktop / Server)
- Windows Server Environments
- DevOps mentality
- Information Security
- Firewalls (HW / SW)
- Intrusion Detection / Prevention
- Proactivity
- IT infrastructure monitoring
- Project Planning
- System Engineering
- Disaster Recovery Planning
- Business Continuity Planning
- Technical Documentation and Policies
- Data Protection Act
- Network Security (HW / SW)
- P2V / V2V Virtualization
- VMware vSphere (ESXi, vCenter)
- Router Configuration
- Internet Security
- Storage devices (NAS / SAN)
- Mailing (Windows / Linux)
- Web Services (Windows / Linux)
- Network Administration
- Penetration Testing
- etc.

## 2005–2010 **System Engineer @ Woo-Doo Computer**

- Plan, implement, install, operate and maintain systems hardware, software applications and IT infrastructure.
- Keep proper documentation of servers for client billing and to reduce troubleshooting efforts.
- Oversee the testing and monitoring of applications and systems performance.
- Install and implement new programs, modules, servers, hardware, network equipment when necessary to upgrade, improve resources or increase compatibility.

## 2003–2009 **System Engineer @ Erbert Plusz**

As an employee of this company I had the privilege to create the whole IT infrastructure from ashes for the companies I will mention below and they used me as a consultant for years, because of my experience. The names stands for themselves:

**Government sector:** Belügyminisztérium (Ministry of Interior), Pest Megyei Rendőr Főkapitányság (Pest County Police Department), Nemzetbiztonsági Szakszolgálat (National Security Service), Vám és Pénzügyőrség (Customs Police), Budapesti Rendőr Főkapitányság (Budapest Police HQ)

**Media:** Juventus Rádió, Danubius Rádió, Roxy Rádió, Rádió 1, Népszabadság, FIX TV

**Transportation:** MÁV Tervező Intézet (Planning Institute of Hungarian Railways), LRI Légitforgalmi és Repülőtéri Igazgatóság (Air Traffic and Airport Administration), MASPED RT (First Hungarian General Forwarding Co. Ltd.)

**Education & Research:** Budapesti Műszaki Egyetem (BME), Semmelweis Orvostudományi Egyetem (SOTE), Központi Fizikai Kutató Intézet (KFKI), Földmérési és Távérzékelési Intézet (FÖMI), Magyar Tudományos Akadémia (MTA), Magyar UNESCO Bizottság (Hungarian UNESCO Committee), etc.

## 2004–2005 **System Engineer @ East Investment Services**

- Experience in Banking procedures (e.g.: Passed PSZÁF Audit).
- Support users in systems issues, malfunctions or other problems.
- Plan, implement, install, operate and maintain systems hardware, software applications and IT infrastructure.
- Oversee the testing and monitoring of Apps and System performance.

## 2003–2004 **System Administrator @ eWorld (Organizer of Internet Hajó)**

- Become the invisible supporting part of the event
- Manage and monitor Windows Servers and Workstations.
- Manage and monitor LAN/WAN network services.
- Recommend and acquire equipment replacements and upgrades.

## 2001–2002 **3D Studio MAX modeler animator @ Korona Média**

- Create animations and renders for the customers.
- Create visualizations from AutoCAD blueprints and floor plans.

## 1997–1999 **Helpdesk, Windows Operator @ DataNet**

- Answer and handle tech questions to the clients of the ISP.
- Diagnose and repair internet service and other network failures.
- Install and maintain anti-virus, firewall and other security SWs.
- Understand networking software, hardware and protocols.

## 1994–1997 **Hardware – Software Service Assistant @ TitanSoft**

- Hardware-software maintenance of customers' computers.
- Recommend SW and HW to existing and new customers.

## INTERESTS

### • Parenting

I have a cute little 7 years old daughter

### • Beta testing

Registered beta tester at Apple  
Microsoft, VMware

### • Making music, Djing

It is my duty to give something to the people, where they can find something to relax onto.

### • Photography

I like to capture valuable pictures.  
People, Objects, Animals, Nature.

### • 3D Modeling, animating

Creating something in the virtual space...  
from “nothing”. This is really moves me.

## PERSONALITY

I'm quick learner, out-of-the-box thinker, detail oriented, self-motivated, perfectionist and paranoid about security.

I love to study new technologies,  
because IT is my life.

I grew up during the real heroic ages of the dawn of computer technology. I still remembers the very day, when I got my first PC. It was back in 1991, when I was only 12 years old. I was instantly bound by the monochromatic CGA screen, and the 4 MHz processor, where I had to fill the time and date every time, I turned it on. From that on, it is already history. Like every kid, I have begun with opening the case, and trying to understand how it works, by getting it apart, and putting it back together. Since computers were quiet expensive back then, I had no option to fail. Others have seen, that I do not fail, and asked me, if they needed anything to be changed or upgraded in their machines. This is, how my carrier, as an IT pro has begun back in the early days. But of course, my way was not so linear. Back then, there was no chance to get formal education in this field, so I took the informal way. I joined the underground subcultural community of the international DEMOSCENE. It is an even these days active creative community of people with talents and skills from different IT related areas, and they create new technologies, art and compete with each other, but also share their knowledge openly. From this community has grown out my generation, giving the lead minds of the industry around the world. There was, where I became the geek, called James.

## VOLUNTEERING

- 2017 **Urban Homeworks – Construction Assistant (Minneapolis, USA)**  
[www.urbanhomeworks.org](http://www.urbanhomeworks.org)
- They transform vacant properties into dignified, healthy homes in neighborhoods in Minneapolis and St. Paul, redeeming real estate so that the community can catalyze change agents and leaders.
- Volunteers are essential to the work of UHW, filling many critical roles at Urban Homeworks, from providing physical labor on the job site to sharing connections and resources to being ambassadors about the work we do with broad audiences.
- 2011– **Official member of Ubuntu.hu community**  
[www.ubuntu.hu](http://www.ubuntu.hu)
- As an evangelist of free and Open Source Software, after ~10 years of experience on Linux (desktop and server), I thought Ubuntu is one of the possibilities for even everyday people – of course in addition with Raspberry Pi – to have a user-friendly environment, thereby providing a more likeable alternative to the way people mostly use now. Therefore, I became an active member of the Hungarian Ubuntu user community.
- 2010– **Official supporter of FSF.hu foundation**  
[www.fsf.hu](http://www.fsf.hu)
- I believe in the concept of free and Open Source Software. That is why I support FSF foundation in years. I respect the developers, but I think instead of buying something we should move to the idea of donating.

## EDUCATION

1997 **High School Graduation**

## LANGUAGES

**Hungarian:** Native or bilingual proficiency

**English:** Full professional proficiency

**German:** Limited working proficiency

## CERTIFICATIONS

Amazon	May 2017	<b>AWS Certified SysOps Administrator – Associate 2017</b>
Udemy	April 2017	<b>Openstack Essentials 2017</b>
Amazon	April 2017	<b>AWS Certified Cloud Solution Architect – Associate 2017</b>
HIPAA	Feb 2016	<b>Health Insurance Portability Accountability Act Awareness for Business Associates</b>
MongoDB	Sep 2015	<b>M102: MongoDB for DBAs</b>
Apple	Jun 2013	<b>Apple Certified Macintosh Technician (Exam 9L0-064, Troubleshooting OS X v10.8 Mountain Lion)</b>
Mikrotik	Feb 2011	<b>MikroTik Certified Wireless Engineer (MTCWE)</b>
Microsoft	Feb 2009	<b>Exchange Server 2007 Specialist</b>
Microsoft	Jan 2009	<b>System Center Essentials Specialist</b>
Microsoft	May 2005	<b>Windows XP Preinstallation Specialist</b>
Microsoft	Dec 2001	<b>MCSA (Exam 70-215, Installing, Configuring and Administering Windows 2000 Server, Exam 70-218 Security Managing a Microsoft Windows 2000 Network Environment, Exam 70-210, Exam 70-214)</b>
Microsoft	Oct 2000	<b>Windows 2000 Preinstallation Specialist</b>