



ANGELO HONGENS Bsc

Enterprise IT Engineer

ABOUT ME

I am a Dutch freelance systems engineer, solutions architect, troubleshooter and trainer, specialized in enterprise environments. Besides doing IT work, I work as a law enforcement officer.

CONTACT ME

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Date of birth
September 27th, 1980

Marital Status
Single

Transportation
Driver's licence A (motorcycle)
Driver's license B (car)
Vaarbewijs I (small motorboat)

Languages

Native

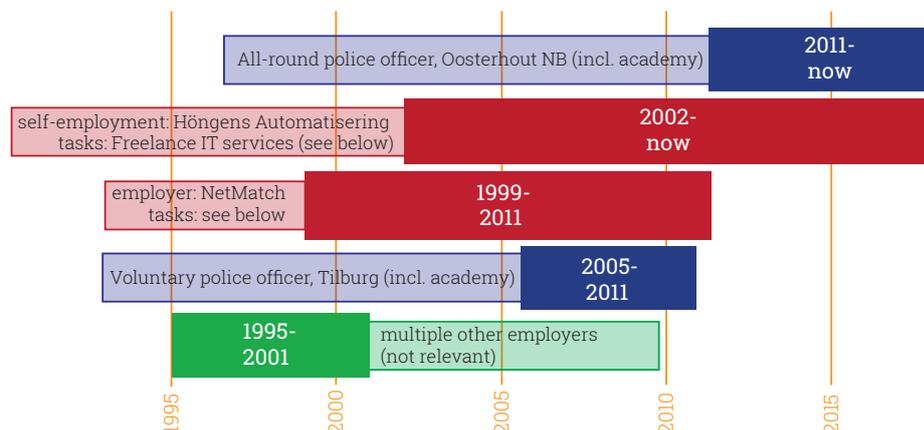
Near-native

Mediocre

RESUME

WORK EXPERIENCE

I started my career in IT, and after about 12 years I switched my full-time career from IT to law enforcement. At that time, I needed a new challenge in order to grow on a personal level, and I wanted to develop my 'soft skills'. At the same time I kept working in IT part-time as a freelancer. Since these two paths run in parallel, it might be a bit difficult to explain. The diagram below illustrates my work experience in the IT-track (red) and the Police-track (blue), and I will explain more below.



Police (2005-now)

I currently work at the Dutch Police as a senior constable. Patrolling by car, bicycle or boat I do my best to make society a safer place. The past 13 years at the police have provided for a great deal of personal experience and growth, more than would have been possible in IT alone.



At the Dutch Police I do very little in terms of IT work, but since I have experience in IT, people always seem to find me for IT-related questions. I'm leading a project on implementing bodycams, and I participate in a project on deploying a new mobile work environment. I won't go into details on police work, but I will focus on the IT track from here on.

NetMatch (1999 to now, sort of)

I started my IT career at NetMatch, an IT company specialized in e-business for the travel industry. I started as a developer, and grew into systems- and network engineering, with a bit of C# development on the side. As my team grew, I implemented monitoring and alerting, and implemented change- and configuration management (ticket systems, puppet). We basically did everything from running cables and installing telephony systems to managing and installing servers, network devices, storage, balancers, switches, routers, etc. We were one of the first companies in The Netherlands to have a production network that was fully IPv6 enabled, and we were on the first to have applications running on the Microsoft .NET framework. Because of our technological expertise we (and I) were asked to give workshops and trainings for different clients. Later on I specialized more on Linux and open-source components, networking and internet scalability. When I started working at NetMatch, I was number 3 on the payroll. Now NetMatch has over 150 employees spread across Europe.



Freelance (2002-now)

In 2002 I founded my own company called Hongens Automatisering, to take on some small part-time IT tasks. In 2011 I switched career paths, and from then on I was working full-time in the police force, and working in IT-part time. I still worked for



troubleshooting, training, consultancy en beheer sinds 2002



NetMatch in the same team, but I since I now made less hours for NetMatch, I started to focus more on designing architectures, complex troubleshooting and supervising. I also do training, consulting, hiring and project management.

Combining everything together

Basically, I now combine freelance work for NetMatch and for other clients, and I have the luxury to only take on jobs that I am passionate about and thus give me energy. And, as an added benefit, I can do most jobs remotely from home or abroad.

Together with the NetMatch sysadmin team, I am now responsible for designing, implementing and maintaining NetMatch' network and systems infrastructure. This includes the 750+ node network spread out over Europe. NetMatch is still a very progressive company, and we invest heavily in R&D and try to keep ahead of the game with new trends like software-defined networking and storage, containers, service-oriented architectures with API endpoints, etc. And besides being progressive, we also utilize tried-and-tested products like VMware's vSphere suite, Cisco switches and firewalls, Dell servers and blades, Equallogic SANs, and more, to get a stable environment with a high uptime and that's easy to monitor and manage.

Besides work for NetMatch, I take on all kinds of projects that pique my interest. I help other companies implement server management and configuration management (using Puppet and git), patch management (using Spacewalk), monitoring (using Nagios and Cacti), and more. I write a lot of scripts in Python (or Powershell if I have to).

I contribute back to open source projects like HAProxy, GnuCash, and more, and I am an active contributor to mailing lists discussing open source software.

ICT-RELATED KNOWLEDGE

Hardware

I am aware of the latest trends in hardware, specifically in the area of entry-level to medium servers (1 or 2 socket machines) and storage systems, and everything associated with rack hosting. I know all the ins and outs of Dell servers and rack hardware.

Infrastructure

I have a thorough knowledge of designing, installing, maintaining and troubleshooting networking hardware. I know quite a lot about TCP/IP (IPv4 and IPv6), DNS, Active Directory, SSL, IPSec, VPN's, firewalls, iSCSI, VoIP, etc. (on Windows, Linux/BSD or hardware devices like Cisco). I am specialized in high-performance and highly available web hosting, using open-source software like HAProxy and Varnish. I consider myself a guru on caching and the http protocol.

Software: platforms

I have experience in managing and working with all flavours of Windows, Mac OS X, Linux (CentOS, RHEL), and FreeBSD. I have extensive experience with Puppet. The last years I have been focusing on CentOS, the community edition of Red Hat's Enterprise Linux. I've been doing patch management on Windows with WSUS, and on CentOS with spacewalk. I haven't done much on desktop management the last few years.

Software: virtualization

I've been a big fan of VMware's virtualization products since 2001, and their software has only become better and better. I have a lot of experience in using ESX 3 through 5, whether or not with vCenter, vmotion, DRS, etc. VMware can also get really expensive, so I also have quite some (although not too positive) experience with Microsoft Hyper-V running in production.



PERSONALITY

I believe I have a strong personality with great analytic skills and a very broad range of knowledge. I can be decisive and firm when needed, and I can show leadership skills (although my ambition tends towards technical specialism instead of leadership).

I think I am also quite empathic and a good judge of character. I am really good at mediating between parties, a skill I further developed in my time as a LEO.

I can be blunt at times though, and I can sometimes have a hard time being diplomatic. I like to get straight to the point and just get to work instead of having another meeting. Sometimes though, this is not the best approach.

PASSION

I like building things, from network architectures to web applications to security frameworks, and making sure whatever I build keeps running smoothly. I particularly like building large (web) applications, where scalability and high-performance components come into play, while still keeping everything cost-efficient.

If you have a business case, just give me the requirements, and I will get to the drawing board and get you the most bang for the buck.

PERSONAL INTERESTS

If I ever have some spare time I like to spend it with friends: having drinks; going out to dinner; playing board games, and enjoying a good conversation.

I like hiking, running, jiu-jitsu and watching movies.

Since IT is my hobby, I tend to spend a lot of time tinkering around on my own server farm, which is my test lab.

I like to travel, and have recently discovered the amazing world of scuba diving.

Software: application servers

I have over 15 years of experience with Microsoft's IIS and SQL Server, and I worked a lot with Exchange Server, SharePoint, Lync Server, and open source servers like Postfix, Bind, Apache, Varnish, Hitch, Squid, HAProxy, MySQL, Amanda, Nagios, Cacti, Asterisk, and more. The last few years I've been focusing on open-source servers and everything that's related to speaking http.

Software: development

I have almost 20 years of experience with Visual Studio (although I am no dev). I do my C# programming in Visual Studio 2017, and I do a lot of python programming in PyCharm. I use Atom and VSCode on the side.

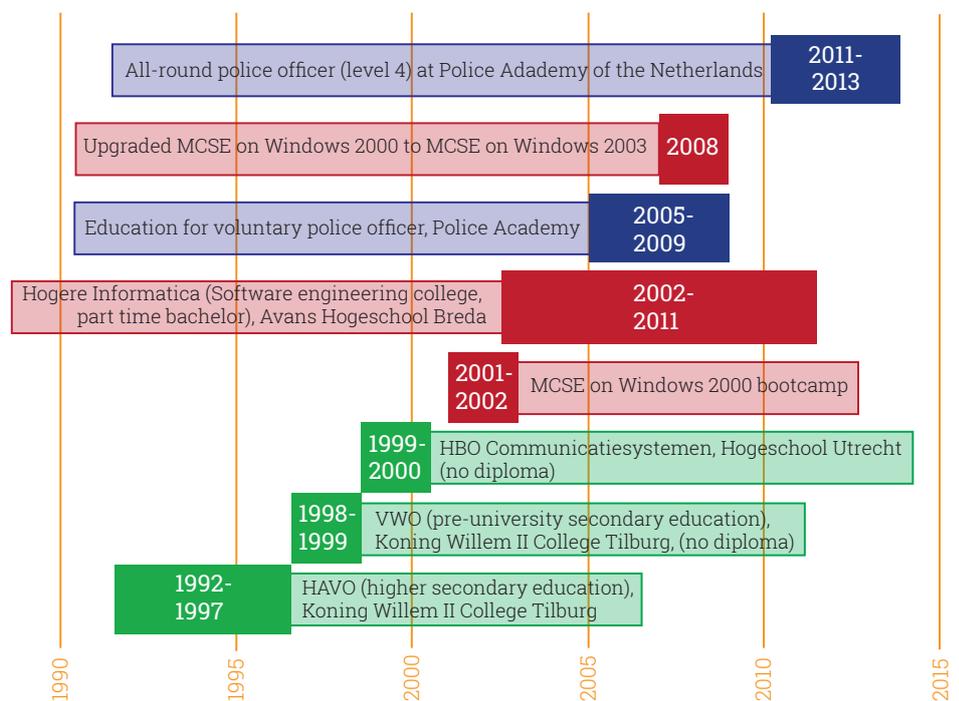
Software: desktop and design

I have years of experience with MS Office (I'm really good with Excel!), and I can get along quite nicely with Adobe Photoshop, Illustrator and InDesign.



EDUCATION

In the following diagram, see the IT-related studies in red, and the police-related studies in blue:



I have a 'bachelor in computer sciences' degree, and I graduated with an average score of 7.5 out of 10. As you can see it took my quite a while to finish that course, since I did a 3.5 year course at police academy and an MCSE upgrade course at the same time.

COURSES

I did MCSE on Windows 2000, and upgraded that to 2003. But since that time, I've mostly been working on Linux platforms and ESX. I've installed quite some Windows Servers, but I haven't gotten to the nitty gritty MCSE-level stuff with FSMO roles, domain trusts, etc. In the past years I attended seminars like Ceph day, Red Hat and Dell events, and I attended some courses on Varnish troubleshooting.



FUTURE DIRECTION

I am currently studying OpenStack, since I think open source large-scale virtualization has a really big future, together with software-defined networking and storage.

I also have my Cisco's CCNP study material waiting for me. I also find Redhat's RHCE certification very interesting, but I don't think I will time for that anytime soon.