

CURRICULUM VITAE

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Education

- 2013 - 2014 HBO Bachelor Business IT & Management dt (University Inholland)
Maturity of IT processes (CMMI & ITIL)
- 2007 - 2010 HBO Bachelor Bedrijfskundige Informatie dt (University Inholland)
- 2004 - 2006 MBO Network Administrator Level 4 dt (Nova College, Haarlem)
- 2001 - 2003 MBO System Administrator ICT Level 3 (Horizon College, Alkmaar)
- 1996 - 2001 Atheneum (Han Fortmann College, Heerhugowaard)
(College; to grade 4)
- 1996 - 1996 VWO 1 (Da Vinci College, Purmerend)

Educational Qualification

- 2014 HBO Bachelor Business IT & Management (University Inholland)
- 2006 MBO Network Administrator Level 4 (Nova College, Haarlem)
- 2003 MBO System Administrator ICT Level 3 (Horizon College, Alkmaar)

Professional Qualification

- VCP6.5-DCV - 2019
- VCAP6-NV / VCIX6-NV - 2019
- VCP6-NV (vmware nsx) - 2018
- CCNA Routing and Switching (cisco) - 2005
- CCNP1 Routing and Switching (cisco) - 2007
- VCP5-DCV (vmware) - 2015
- VCP6-DCV (vmware) - 2017
- Netapp Foundations - 2009
- Avaya Foundation - 2013
- Prince2 Projectmanagement - 2015
- IT Service Management (ITIL v3-2011) - 2015
- Linux LPI - 2006

Specialties

- Design, Procurement, Deployment & Administration
- VMware
- Storage
- Backup
- Security & Firewalling
- Stretched Clusters (vMSC)

Work Experience

Period	:	2019 to present
Organization	:	Stichting Zorgring
Position	:	Network Consultant
Responsibilities	:	Upgrading several Fortigate & Juniper platforms
Period	:	2019 to present
Organization	:	Gemeente Heerhugowaard & Langedijk
Position	:	IT Consultant
Responsibilities	:	A new "ICT-Foundation" existing of Nutanix AHV + ESXi clusters
Period	:	2018 to present
Organization	:	Meander Medical Centre
Position	:	Consultant SDDC
Responsibilities	:	Consulting on new stretched SDDC platform existing of VMware vSphere, vSAN, NSX, vRA, Rubrik & Cloudian
Period	:	2017 to present
Organization	:	Gemeente Velsen
Department	:	Informationmanagement
Position	:	IT Consultant
Responsibilities	:	(Technical) advice and support on several IT tenders & changes
Period	:	2018 - 2019
Organization	:	Giant ICT
Position	:	Virtualization & Backup consultant
Responsibilities	:	vSphere & Veeam customer environments
Period	:	2018
Organization	:	Stichting Zorgring
Position	:	Network Migration Specialist & Teamleader
Responsibilities	:	Migration Cisco ASA to Fortigate vDOM, Magriton Cisco to Juniper switches , Coaching, Teaching & Pre-sales activities
Period	:	2016 - 2018
Organization	:	Meander Medical Centre
Position	:	Lead System Engineer
Responsibilities	:	Cisco Hyperflex Project, infrastructure administration (Flexpod, Cisco UCS, VMware, Commvault, Netapp 7-mode & CDoT, Citrix Netscaler, XenApp, XenDesktop)
Period	:	2016 - 2017
Organization	:	Stichting Zorgring
Position	:	Network Migration Specialist
Responsibilities	:	Designing, implementing and migrating from Cisco Juniper routers to switches (OSPF, BGP, MPLS, VRF), Cisco ASA and Fortigate to Fortigate firewalls, a SSLVPN solution, a PKI CA, procurement advice and other projects (XenServer).

Period	:	2017
Organization	:	Gemeente Uitgeest
Position	:	IT Consultant
Responsibilities	:	(Technical) advice and support on infra-wide IT Migration (from outsourcer A to outsourcer B)

Period	:	2016 - 2017
Organization	:	Thorbecke
Position	:	Fiber Optic & Network
Responsibilities	:	Technical advice and support in preparing specifications / requirements for tender fiber ring.

Period	:	2014 - 2016
Organization	:	Gemeente Velsen
Position	:	IT Architect
Responsibilities	:	Designing, setting up, maintaining, writing policies and procurement for IT processes, IT architecture, IT Infrastructure & ICT Security. The daily management of the network, storage, firewall and hypervisor environments.

Period	:	2009 - 2014
Organization	:	Gemeente Velsen
Position	:	Senior Storage & Networking Administrator
Responsibilities	:	Design, maintenance and procurement for ICT processes, IT architecture, IT infrastructure and IT Security. Daily management of network, storage, firewall and hypervisor environments.

Period	:	2008 - 2009
Organization	:	Gemeente Velsen
Position	:	Senior System & Networking Administrator
Responsibilities	:	The daily management of the network, storage, firewall & hypervisor environments. Application administrator ITSM, BMC Service Desk Express

Period	:	2004 - 2008
Organization	:	Gemeente Velsen
Position	:	System Administrator
Responsibilities	:	Helpdesk and daily administration of the network and server environment. Application administrator ITSM Service Desk

Period	:	2003 - 2004
Organization	:	Gemeente Velsen
Position	:	Helpdesk Internship
Responsibilities	:	Helpdesk

Projects

FULL-Stack (storage, network, compute/hypervisor (& backup)) (12 year full-stack experience)

- Renovation of complete stack ESX 3.5, EMC CX500, Fiber Channel (2006)
- Design, Procurement & Deployment of complete stack ESX 4.0 (DL380G6), 2x NetApp FAS2040 NFS, 4x H3C S5800-32C EI (European public procurement) (10 hosts) (2009)
- Design, Procurement & Deployment of complete stack ESXi 5.1 (M620), 2x NetApp FAS2240 NFS, 4x Dell M8024-K (10 hosts) (2014)
- Implement Cisco Hyperflex (hyperconverged) (2017)
- SDDC existing of vSAN & NSX (2018-2019)
- Nutanix AHV & AOS (Acropolis) (2019)

VMWARE (13 year experience)

- Design, Procurement & Deployment of VMWare ESX 2.5 test env. (2 hosts) (2005)
- Upgrade VMWare ESX to 3 (2006)
- Expansion and Upgrade VMWare ESX cluster to 3.5 (4 hosts) (2008)
- Design, Procurement & Deployment of complete stack for VMWare ESX 4.0 cluster (European public procurement) (10 hosts) (2009)
- Upgrade to ESXi 4.1 (2010)
- Upgrade to ESXi 5.0 (2012)
- Design, Procurement & Deployment of complete stack for VMWare ESXi 5.1 cluster (10 hosts) (2014)
- Upgrade to ESXi 5.5 + migration stretched cluster (vMSC) (2015)
- Upgrade to ESXi 6.0 U1b + U2 (2016)
- Esxi 6.5 vSAN 2 Node Homelab (2017)
- vSAN & NSX (2018-2019)

Networking (15 year experience)

- New LAN consisting of 3com 4400 switches (2003)
- New network core consisting of 3com 5500G EI switches (2006)
- Design, Procurement & Deployment of Juniper SSG550M (2008)
- Design, Procurement & Deployment complete stack t.b.v. 4x H3C S5800-32C EI core (European tender) (2009)
- Design, Procurement & Deployment Access LAN 23x HP A5120-48G-PoE+ EI and 4x HP A5800-48G EI (2012)
- Design, Procurement & Deployment WiFi/WLAN 140x MSM460 and 2x MSM760 Mobility Controller
- Design, Procurement & Deployment 2x Fortigate 1500D (2015)
- Migration Cisco ASR1002 > Juniper EX4600 for MPLS fiberring (VRF, OSPF & iBGP) (2016)
- Expansion CWDM&DWDM fiberconnections for medical fiberring (2016)
- Migration Cisco ASA & Fortigate 3016B to 1200D A/P cluster (2016-2017)
- Implementation of multiple (complex) load-balancers on Citrix Netscaler (2016-2018)
- NSX-V (2018-2019)

Storage (12 year experience)

- Renovation of complete stack for EMC CX500 Fiber Channel (2006)
- Design, Procurement & Deployment of complete stack for 2x NetApp FAS2040 NFS, iSCSI, CIFS (2009)
- Design, Procurement & Deployment of complete stack for 2x NetApp FAS2240 NFS (2014)
- Implementation Infinio Accelerator (server-side-caching)
- Design, Procurement & Deployment of FAS8020 CDoT metrocluster NFS (2015)
- Implementation Pernixdata FVP to replace Infinio (server-side-caching)
- Implement Cisco Hyperflex (hyperconverged) (2017)
- vSAN (2018-2019)
- Nutanix (2019)

Backup (11 year experience)

- Implement NETVAULT (v7/v8.1) (2007-2008)
- Design, Procurement & Deployment of VEEAM v6.1 backup & Fujitsu DX80 S2 iSCSI repositories & Fujitsu LT40 S2 tape libraries (2011)
- Upgrade VEEAM to v6.5 (2012)
- Upgrade VEEAM to v7 (2013)
- Design & Deployment of Netapp Snapmanager for Oracle on 7-mode (linux) (2010)
- Redesign and implement VEEAM v8 (2014-2015)
- Redesign & Deployment of Netapp Snapmanager for Oracle on CDoT (linux) (2010)
- Upgrade VEEAM to v9 U2 (2016)
- Rubrik PoC (2016)
- Commvault (2016-2019)
- Rubrik (2019)
- Cloudian (2019)

Microsoft (15 year experience)

- Migrate Active Directory 2000 to 2003 (2004)
- Migrate Exchange 5.5 to Exchange 2003 (2004)
- Redesign AD/LDAP and Group Policies (2008)
- Implement Symantec Enterprise Vault for Exchange 2003 (2009)
- Migrate Active Directory 2003 to 2008 R2 (2010)
- Design & migrate Exchange 2003 + Symantec EV to Exchange 2010 + Symantec EV 9 (2011)
- Design & implement multi-tenancy for AD and Exchange (GAL Separation) (2011)
- Migrate Active Directory 2008 R2 to 2012 (2013)
- Design & implement Active Directory Certificate Services (ADCS) (2013)
- Design & implement Windows 8.1 image (WDS, MDT, PXE, Certificate Autoenrollment, 2-factor SSLVPN (forticlient) (2015)
- Design & implement ADFS SAML SSO for (amongst other) Citrix XenMobile/Sharefile via Netscaler (2015)
- Design SSLVPN solution (MS DirectAccess) (2016)

Citrix (11 year experience)

- Design & implement Citrix PS4.5 Farm Windows 2k3r2 (WDS, RES AM, RES WM, Thinstall) 22+2 servers (Dell 2950) (2008)
- Design, Procurement & Deployment of Citrix XenApp 6.5 Farm Windows 2k8r2 (WDS, MDT, RES AM, PVS, RES WM, ThinApp, Netscaler) 12+2 servers (Dell M620) (2013)
- XenApp, XenDesktop 7.15 LTSR

IT Service Management (12 year experience)

- Support with implementing Magic Servicedesk ITSM tool (2004)
- Support with implementing Magic Servicedesk ITSM tool (2004)
- Support with migration from Magic to BMC Servicedesk Express (2006-2007)
- Support with implementing Planon (2010)
- Advice & Support Configuration Manager to redesign CMDB (2013)
- Design & Supervision in procurement and implementation of a new ITSM tool and redesigned CMDB and ITIL management processes (Incident, Change, Problem and Configuration) (2014-2016)

Additional Skills & Experience

- Citrix XenApp, XenDesktop, PVS, Storefront & Netscaler
- Microsoft Server 2003 to 2016
- Microsoft Exchange 2003 to 2013
- Windows 95 to 10
- Internet Explorer 5 to edge, Mozilla Firefox (ESR), Chrome
- RES ONE Workspace Manager & Automation Manager
- Nagios, Netcrunch, PRTG & VEEAM ONE
- IPv4 & IPv6, IPsec, TLS, SSLVPN
- PKI, PKIo, CA, ADACS, openssl
- AD, LDAP, ADFS, SAML, SSO
- Archimate, NORA, GEMMA
- Linux; Debian, Ubuntu (LTS), Suse/SLES, CentOS, RHEL, Oracle Linux
- IIS, Apache, Nginx, Reverse Proxy, HAProxy
- Samba, Squid, Proxy, PureFTPD, Cygwin
- MSSQL, MySQL, MariaDB, PostgreSQL, Oracle, MaxDB
- FreeBSD

Scripting, programming & markup languages

- Powershell / PowerCLI
- Batch
- Vbs, wmi
- VB .net
- C# .net
- Perl
- Sh
- Bash
- Java
- Javascript
- XML

Languages

- Dutch (native language)
- English

Hobbies & Interests

- Music, Drums
- Computers
- Watches, clocks (mainly mechanical)
- Motorcycle riding
- Food & cooking
- Old stuff (antiques/vintage furniture, buildings & machines)