



# Curriculum Vitae

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<b>Birthdate</b>	24 juli 1974
<b>Sex</b>	Man
<b>Nationality</b>	Dutch
<b>City</b>	Emmeloord
<b>IT Experience</b>	Since 1996

*You can find several recommendations at my LinkedIn profile:*

<http://www.linkedin.com/in/gerapeldoorn>



## Education

### Certification

Certification	Status
HBO Informatica (Batchelor of Engineering)	Completed
CCNA Routing & Switching (Cisco)	Completed
MCSE Windows NT 4.0, 2000 and 2003 (Microsoft)	Completed
CompTIA Security+	Completed
Junior level Linux Professional (LPIC-1)	Completed
Advanced level Linux Professional (LPIC-2)	Completed
ITIL Service management foundation	Completed

### Completed exams

Year	Exam	Status
2009	ITIL Service Management Foundation	Completed
2008	Linux Professional Institute Certification - 2, exam 202	Completed
2007	Linux Professional Institute Certification - 2, exam 201	Completed
2007	Linux Professional Institute Certification - 1, exam 102	Completed
2007	Linux Professional Institute Certification - 1, exam 101	Completed
2005	Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Environment for a MCSE 2000	Completed
2005	Managing and Maintaining a Microsoft Windows Server 2003 Environment for an MCSA 2000	Completed
2005	CompTIA Security+	Completed
2001	Designing MS Windows 2000 Directory Services Infrastr.	Completed
2001	MS-Windows 2000 Directory Services Infrastructure	Completed
2001	Impl. & Admin. MS Windows 2000 Network Infrastructure	Completed
2001	Installing, Configuring & Admin. Windows 2000 Server	Completed
2001	Installing, Configuring & Admin. Windows 2000 Professional	Completed
2000	Interconnecting Cisco Network Devices (CCNA 2.0)	Completed
2000	MS-Internet Explorer Administration Kit 5.0	Completed
2000	Impl. & Supp. MS Proxy Server 2.0	Completed
1999	Impl. & Supp. MS Internet Information Server 4.0	Completed
1999	Implementing and Supporting Microsoft Exchange 5.5	Completed
1999	Internetworking with MS TCP/IP on MS Windows NT 4.0	Completed
1999	Impl. & Supp. Windows NT Server 4.0 in the Enterprise	Completed
1999	Impl. & Supp. MS Windows NT Server 4.0	Completed
1999	Impl. & Supp. MS Windows NT 4.0 Workstation	Completed
1999	Networking Essentials	Completed

### Cursussen without exam

Year	Course	Status
2004	Oracle Portal 10g: Administration II	Completed
2004	Oracle Portal 10g: Build Corporate Portals	Completed
2004	Oracle 9iAS: Basic Administration	Completed
2000	Update Supp. skills from MS Windows NT to MS Windows 2000	Completed



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1997 UNIX-beheer

Completed

## General

Year	School	Status
2002 tot 2005	HBO Informatica (Deeltijd, Batchelor of Engineering)	Completed
2000 tot 2000	RSI-Training & evaluatiesessies	Completed
	MEAO	Completed
	MAVO	Completed

## Languages

Dutch: Native

English: Verbal and by letter

German: Verbal



## Software

### Operating systems

Ubuntu Linux all versions  
Debian 3.1  
Mandrake Linux 10.x  
Red Hat Linux 9  
Red Hat Enterprise Linux + CentOS  
Fedora Core 1-5  
AIX 5.1, 5.2, 5.3  
Solaris 8, 9 en 10  
MS-Windows XP Professional  
MS-Windows 2003 Server/Advanced Server  
MS-Windows 2000 Professional/Server/Advanced Server  
MS-Windows 98 and earlier versions. (also NT 4)  
FreeBSD 5, OpenBSD  
Cisco IOS / ASA

### Programming languages

- PHP
- Python
- Ruby (ook Ruby on rails)
- Bash/Korn shell (KSH)
- SQL
- Bash
- Perl
- Java
- C++
- JavaScript
- Visual Basic Script (System and loginscripts)



## Recent experience

<b>Period</b>	<b>2007-present</b>
<b>Company</b>	<b>AutiPlan</b> <i>A personal need lead us to develop a computer program designed to benefit people who require a lot of structure or overview in their regular daily lives, like people with an Autistic Spectrum Disorder, dementia, Down's Syndrome, or ADHD.</i>
<b>Job title</b>	<b>Owner (Own company)</b> Starting phase: <ul style="list-style-type: none"><li>- Functional en technical design</li><li>- Meetings with co-programmer</li></ul> Realisation: <ul style="list-style-type: none"><li>- Programming in PHP:</li><li>- Registrationsystem</li><li>- Export to PDF in configurable layout</li><li>- Messaging system</li><li>- Orderingsystem completely automated</li><li>- Admin system</li><li>- Website, documentation and screencasts</li><li>- Organising en promoting testphase (3300+ testers volunteered!)</li><li>- Media (Press-releases, we have been in dozens of Autism related magazines, newsletters in several countries, 2x TV interview)</li></ul>
<b>Description</b>	



<b>Period</b>	<b>2008-present</b>
<b>Company</b>	<b>Sara</b> <i>SARA Computing and Networking Services is an advanced ICT service center that supplies – since more than 30 years – a complete package of high performance computing &amp; visualization, high performance networking and infrastructure services. Among SARA's customers are the business community and scientific, educational, and government institutions.</i>
<b>Job title</b>	<b>Senior System Engineer Unix/Linux (Freelance)</b> <ul style="list-style-type: none"><li>- Installing High Availability (HA) clusters with Linux Virtual Server (Heartbeat), DRBD, dopd and own monitoring daemon created in Python. The clusters are used to run Apache and MySQL.</li><li>- Installing Kickstart server for automatic installations RedHat.</li><li>- Installing Debian installatieserver voor automatic installations.</li><li>- Installing security scanner Nessus with AutoNessus.</li><li>- Central configuration serverpark with Cfengine</li><li>- Misc: SeLinux, Exim, sendmail, MailMan, Cyrus, bind, nsd, SunRay etc.</li><li>- Databases: MySQL, Postgresql, Oracle</li><li>- Linux, Solaris, AIX, Cisco e.a.</li><li>- firewalls (Cisco ASA, solaris ipf, iptables) en VPNs (ASA)</li><li>- Shellscripting, perl, python</li></ul>
<b>Description</b>	





<b>Period</b>	<b>2007</b>	
<b>Company</b>	<b>Wehkamp</b> <i>Wehkamp, leading in the area of homeshopping in the Netherlands. The internet is the sales channel that is most important. Because the internet is such an important channel, a lot of attention is given to high availability.</i>	
<b>Job title</b>	<b>AIX/Linux/SAN systeembeheerder (Freelance)</b> <i>In order to replace a leaving employee, I was hired to administer the Unix servers and work in projects. Although I did not have any AIX experience, my Linux background was more than sufficient to adapt AIX and related technologies very quickly.</i>  Operating systems: AIX 5.1-5.3 (~60x), Ubuntu (5x). Storage: Misc. redundant SAN CXxxx systems, fibre switches, taperobots. Servers: Power4/5 LPAR building blocks, HMC. Technologies: Clustering, failover, loadbalancing. Applications: Tuxedo, Websphere/MQSeries, Networker. Programming/scripting: perl, ksh (Korn-shell).	
<b>Description</b>	<ul style="list-style-type: none"><li>• Installing &amp; administring AIX servers.</li><li>• Installing &amp; administring Linux servers.</li><li>• Administring misc. SAN systemen.<ul style="list-style-type: none"><li>• Creating, changing LUN's</li></ul></li><li>• Troubleshooting unix and storage</li><li>• Implementation Wiki, BackupPC backupsystem,</li><li>• Perl &amp; KSH-shell scripting.</li><li>• Ruby on Rails &amp; PHP programming</li><li>• MySQL/Apache clustering.</li><li>• Standby.</li></ul>	
<b>Period</b>	<b>2007</b>	
<b>Job title</b>	<b>Miscellaneous short contracts (Freelance)</b>	
<b>Company</b>	<b>Miscellaneous companies</b> <b>Implementation/expansion MediWiki (PHP) on a Linux server for vtsPN ISC (Police)</b> <i>Pilot to enable the fire-brigade, police and ambulance to exchange information more easily. Some functionalities were missing. Succesfully added those features in PHP.</i> <ul style="list-style-type: none"><li>• Authentication with OpenLDAP server</li><li>• Enforcement of strong passwords; Written extension &amp; Hook for MediaWiki (Patch in version 1.10)</li><li>• Couplings with other sources of information</li><li>• Performance tuning</li></ul> Additional information: For this function, I received a security screening. (P screening)	
<b>Description</b>	<b>Development of a webshop for bookshop van Halst</b> <i>This bookstore delivers all books needed for a course in a package. Students are known by the bookstore and need only logon to the webshop and select their preferred payment method.</i> <i>The backend is quite complex, because a lot of information must be manipulated to get a consistent whole. Additionally, reports and bills can be generated in PDF format.</i> <i>Practically all texts and information that is shown in the frontend, generated emails and bills are customizable through the backend.</i> <ul style="list-style-type: none"><li>• Programmed in Ruby on Rails</li><li>• Design, development and implementation</li><li>• MySQL, subversion, capistrano deployment</li></ul>	



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<b>Period</b>	<b>2006 - 2007</b>
<b>Company</b>	<b>ARGOSS</b> <i>ARGOSS is a specialised company providing marine environmental information to the offshore industry. Based on in-house models and databases of waves, wind and tides ARGOSS provides information and services to support planning and design of operations, downtime analysis and feasibility studies.</i> <i>To process the worldwide models, a lot of computer capacity is needed.</i>
<b>Job title</b>	<b>IT Architecture specialist</b> <i>Responisble for the IT infrastructure.</i> <i>Successfully lifted the IT architecture to a professional level.</i> <ul style="list-style-type: none"><li>• Design &amp; Implementation of the network-infrastructure</li><li>• Installing and administrating servers with RHEL 4, Ubuntu &amp; Windows)</li><li>• Backupsystem implementation (Bacula)</li><li>• Monitoring system implementation (Zabbix)</li><li>• Email/groupware system implementation (Kolab+Horde)</li><li>• implementation &amp; customisation Customer Relations Management pakket (SugarCRM) + Data conversion MS-Access &gt; MySQL</li><li>• Intranet (Joomla!)</li><li>• Participator in multiple projects</li><li>• Project leader</li><li>• Developing software in Perl, PHP, Ruby e.a.</li><li>• DBA (MySQL)</li></ul>
<b>Description</b>	





<b>Period</b>	<b>2001 - 2005</b>
<b>Company</b>	<b>National Crime Squad (KLPD, police)</b> <i>The National Crime Squad fights (inter)national organised crime.</i>
<b>Job title</b>	<b>Windows 2000/2003 specialist</b> <i>Initially started on a contract to design &amp; implement the Windows 2000 network as an Architect. After that, I joined the National Crime Squad to ensure a stable basis for my part-time Bachelor studies.</i> <i>During this time, I focussed mainly on Research &amp; Innovation.</i>
<b>Description</b>	<p>Designing &amp; implementing a Windows 2000 network with the following characteristics:</p> <ul style="list-style-type: none"><li>• 6 fixed locations and 1 mobile location</li><li>• 1 Windows 2000 Cluster on a Compaq CL380</li><li>• 6 Mailservers on a Compaq ML380</li><li>• 6 Domeincontrollers (DC) on a Compaq ML380 and on the cluster</li><li>• 1 DC on a mobile server Compaq DL380</li><li>• Client installation with. Remote Installation Services</li><li>• Automatic software installation with Group Policy in Active Directory</li><li>• Almost all routine maintenance automated with VBScripts</li><li>• Strict security using multiple techniques on the workstations and the servers</li></ul> <p><b>And:</b></p> <ul style="list-style-type: none"><li>• Written a management application in VB6 and Java to manage the network through one application</li><li>• Written a web-based phonebook application in PHP with SMS functionality</li><li>• DBA (Microsoft SQL 2000, MySQL en Oracle 10g)</li><li>• Adapted and expanded an open-source helpdesk application with couplings to other systems.</li><li>• Coupling of alien systems for data-exchange. (OpenVMS, Digivox phone-tapping system &amp; Windows network)</li><li>• Performance tuning, adapting en implementation PZU (Portal centrale bevraging ZwaCri databases at different police-organisations) (Web-based &amp; ODBC)</li><li>• Administration of the network, troubleshooting, security, performance tuning, researching &amp; implementing new technologies.</li><li>• Management systems: o.a. McAfee ePolicy Orchistrator, HP Systems Insight Manager, WSUS.</li><li>• System analyst/system development in projects.</li><li>• Security audits with Nessus and Baseline Security Analyzer.</li><li>• Installing and administration of multi-functional Linux servers. (Intranet, fileserver, VMWare testserver, databases etc.)</li><li>• Administering CISCO routers</li><li>• Java, PHP, vbScript, VBA, C++, OpenBSD, FreeBSD, Cisco Routers, VPN, encryptie etc.</li></ul> <p>Additional information: For this function, I received a AIVD (Dutch secret service) security screening. (A screening)</p>

An updated copy of this resume can be found at <http://www.gerapeldoorn.nl>