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Nationality: Dutch
Date of birth: may 21, 1977

Profile

Professional interests

- To design and build good software;
- To integrate and/or improve networks and systems.

Strong points

- Creative and flexible;
- Can approach issues at different conceptual levels;
- Easily acquires new knowledge and skills;
- Likes to share knowledge and ideas.

Education

1989-1996 Stedelijk Gymnasium Leeuwarden (Grammar school):
Dutch, English, Philosophy, Biology, Physics

1996-1997 Dudok volw. onderwijs Hilversum (VWO):
Mathematics, Chemistry

Experience

1993-1996 F13 Software V.O.F.:
Designing and building training software for medical education programmes;
Writing various tools and utilities;
Developing libraries on DOS in Pascal, Assembly, C and C++, including a graphical user interface;

1996-1997 Rabobank Utrecht:
Systems management in an Windows-3.1 PC / Novell LAN environment;

1997-2000 Application Development and Consultancy B.V. (first employee after establishment):
Software design and development;
Network and Unix specialist;
Technical consultant (contracting);

2000- Freelance technical consultant, operating under business name E-Advies.
Keywords: software engineering, internet infrastructure technologies.

Languages

Dutch (native), English (fluent), German (passive).

Curriculum

November 1999 - today

Company	KPNQwest N.V. (until november 2000 through AD&C and Mighty Consulting)
Role	Technical Consultant, Software engineer
Expertise areas	Cisco routers and NASes, Ericsson NASes, SUN and intel servers Unix (Solaris, Linux) TCP/IP, PPP, ISDN, RADIUS, LDAP; some H.323 (VoIP) and BGP4 C, Perl, PL/SQL (Oracle)
Activities	Advised during the development of a new european dial-in platform, focused on authentication and service definition using RADIUS; Wrote RADIUS-based accounting system for Voice over IP service in Perl, interfacing to existing billing systems; Co-developed the technical aspects of two pan-european dial-based services: ISDN Backup and Small Office VPN; Did the technical side of a dial-in network access server vendor selection project; Created a number of extensions for an Open Source RADIUS server in C (L2TP support, flexible LDAP backend support, MD5 hashed passwords); Built an auto-provisioning mailserver for about 15,000 users, based on Qmail, Perl, PL/SQL (Oracle backend), RADIUS (for integrated POP3 password verification) and a custom relay-authentication system; Provided technical advice for various development projects as IP and Unix specialist.

April 1997 - October 2000

Company	Application Development and Consultancy B.V.
Role	Software Engineer
Expertise areas	IBM PCs and servers, DIGITAL Alpha servers, various DEC equipment, Cisco routers Unix (DEC OSF1 / Tru64, Solaris, Linux, QNX), VMS, Windows NT 3.51 / 4.0 TCP/IP, LAT, PPP over ISDN, WANs, DNS, web infrastructure (Apache, PHP3, CGI, HTML) C, C++, PL/SQL
Activities	A diverse range of internal and external projects, mostly about development, improvement or integration of systems, in many cases directly interacting with customers: 1997: Built a TCP/IP WAN using ISDN dial-on-demand for 5 locations. 1997: Made a design to improve the TCP/IP WAN of an organisation spanning 20 locations, to facilitate the implementation of Windows NT. 1997: Created a mixed LAN environment based on Unix servers (Solaris) and Windows 95 workstations. 1998: Designed and developed a distributed data acquisition system for fault analysis in a glass manufacturing company. Built in C++ on an embedded real-time Unix system (QNX). Fully configurable using own built-in script language; output its data to an Oracle database for visualisation and statistical analysis by a front-end application done by a colleague. 1998: Wrote various hardware interface drivers (RS485, Interbus) in C on QNX for data acquisition system above. 1999: Built a custom replication system in PL/SQL for synchronising an Oracle 7.3 database and a number of Oracle 8 databases. 1999/2000: Extended data acquisition system by implementing an interface to S7 Siemens PLCs, using the ISO Transport Protocol over TCP/IP.

October 1996 - April 1997

Company	Rabobank Utrecht
Role	Systems operator / Network manager
Expertise areas	IBM PCs and servers DOS, Windows 3.1, Windows 95, Novell 3.12 Novell (IPX/SPX), TCP/IP Scripting, x86 assembly
Activities	Managed the Novell network, servers and workstations in a small team; Performed helpdesk duties and applications support (Windows, Office, financial applications); Created some small utilities (a printscreen driver with network support, a boot manager for separated use of Windows 3.1 en -95); Wrote and adapted scripts to automate workstation updates.

June 1993 - September 1996

Company	F13 Software V.O.F.
Role	Software engineer, co-founder
Expertise areas	IBM PCs and servers DOS, Unix (Linux) TCP/IP Pascal, x86 assembly, C, C++
Activities	Developed object library for a graphical user interface on DOS, to support own software products; Created a record management library; Developed support software for a GIS-application: created datamodel, wrote input module, employing in-house developed GUI; Did a number of smaller projects (graphical shell for DOS for a computer hardware shop, advertising diskette for a law agency, smooth scrolling LED-banner for a tourist agency); Developed CPR course support software for first aid and ambulance personnel; Developed training software for medical calculations and Studiewijzer, a generic course development environment and training application.
