

CV of Dipl.-Ing.(FH) Malte Woelky



Birthday: 02. November 1977
Birthplace: Cologne

Education

1984 - 1988 Rochusschule, kath. Grundschule der Stadt Bergheim in Glessen
1988 - 1997 Gutenberg-Gymnasium, Bergheim
1997 Graduating from the Gutenberg-Gymnasium, Bergheim
Allgemeine Hochschulreife

Study and professional development

1985 Programming in Basic on the Commodore Plus / 4 & C16 (successor to the C64)
1987 Initial experience with MS-DOS, initially MS-DOS 3.3 and later MS-DOS 5.0, Windows 3.0/3.1
Programming in assembly language on the Commodore Plus / 4, C16 & C64
1990 Programming in QBasic, and later in Borland Turbo Pascal on the PC

Sep. 1996 First contact with Linux (SuSE Linux 4.3)

06/1997 - 09/1997 Basic training at **ROHDE & SCHWARZ** , Werk Köln

Part 1 "NF-/HF-measurement equipment" bei Rhode&Schwarz, Cologne field services in the production plant in Firma Nokia, Bochum
Part 2 "measurement and communication technology" / "System and data systems" at Rhode&Schwarz, Cologne

09/1997 - 10/2004 Degree in engineering computer science, especially micro-computer science area of study technical micro-computer science at the **University of Applied Sciences Gelsenkirchen**

12/1998 - 02/1999 Internship at the company IBR GmbH, Dorsten-Wulfen

Installation, maintenance, measuring, testing, failure analysis, SMD soldering, management and control systems, electronic components

11/1998 - 10/2002 Construction, administration and operation of the network and the heterogeneous network infrastructure (WodanLAN, 100 PC / Server) student housing complex Wodanstraße of Akafö, Bochum and development of a complex, database-based intranet portal on open source-based (news, forum, Contacts , Game Server real-time statistics, parsing the cafeteria plan of Akafö, detail. network monitoring and statistics, "who's online")

07/1999 - 03/2002	Working as a student assistant in EMS Night Shift (Enterprise Management Services), GE CompuNet (now Computacenter), located in Kerpen (SAP R / 3 support and care of customers such as German Stock Exchange(Deutsche Börse), Warner Music, Stadtwerke Dusseldorf, McKinsey and CompuNet Europe Network monitoring with HP OpenView and IBM Tivoli customer networks and CompuNet Europe Monitoring and maintenance of network infrastructure, the DSL provider Hansenet, Phone support and trouble ticket management with CompuNet Callas)
1999 - 2004	Member of the student dormitory housing complex Wodanstraße
2002	Changing area of study from technical micro-computer science to applied micro-computer science
03/2002	Completion of undergraduate
03/2002 - 08/2002	Practical semester from 18.März 2002 - 30.August 2002 GE CompuNet, Kerpen Task: "Design and development of a web-based, modular network management solution on open source-based" and modules OPS:: Admin, OPS:: Changelog, OPS:: Ticker, OPS:: call tracker, OPS:: Help Request im IT-Infrastructure, IT-Operations Division
10/2002	Transfer of Wodanstraße Network operations to EWT (on behalf of AkaFö Bochum)
11/2002 - 02/2003	Accompanying support the further development of the practice Semester developed network management solutions at GE CompuNet
03/2003 - 10/2004	Student assistant to Prof. Dr. Cramer in the Schul-Support-Zentrum (School Support Center) at the University of Applied Sciences Gelsenkirchen for IT support of the schools in the area of Gelsenkirchen
09/2003 - 12/2003	Microsoft Certified Systems Engineer (MCSE) 2000/2003, Transcript [pdf] Microsoft Certified Professional ID: 3054511 Exams 216, 270, 215, 217, 218, 219, 224, 292, 296 (25.Sep 2003 -18.Dez 2003)
05/2004 - 10/2004	Diploma thesis with Prof. Dr. Cramer and Dr. Heinecke. "Administration von IT-Diensten für Schüler über eine intuitive, für Lehrer angepaßte Web-Schnittstelle" ("Administration of IT services for students through an intuitive Web interface adapted for teachers") using open-source basis in conjunction with directory services, delivery on 15th Oktober 2004 October 2004
10/2004	Colloquium 28. Oktober 2004: Thesis 1,0 / Colloquium 1,0
02. Nov. 2004	Degree in computer science engineering, especially micro-computer science area of Study in applied micro-computer science at the University of Applied Sciences Gelsenkirchen , Dipl.-Ing. (FH), result 1,83
03. Nov. 2004 - 06/2006	Working as a research assistant to Prof. Dr. Cramer in Internet and Mobile Networks at the University of Applied Sciences Gelsenkirchen , Further development of the Support-Datenbank (including development of a Java-Admin-Client, improvements and bugfixes) Supervision of the projects " Netzwerkmanagement an Schulen ",

"Verzeichnisdienste an Schulen", "Virtuelle Private Netzwerke in Schulen" and "Softwareverteilung" of the Schul-Support-Zentrums (SSZIT)

Design and construction of solutions with Cisco VPN and OpenVPN, network management

- 03/2005 - heute Part-time Master of Science degree in Computer Science, study in applied computer science - a focus on communications and Internet at the **University of Applied Sciences Gelsenkirchen**
- since 10/2006 Working as a freelance IT consultant and software developer
- 11/2006 - 01/2009 Project work: consulting, design and software development in heterogeneous computing environments (Windows, Unix, many programming languages) in the aircraft industry
- 02/2008 - 05/2008 HP Certified Systems Administrator (CSA) HP-UX v11 **[pdf]**, HP-UX 11i v3 **[pdf]**
HP Certified Systems Engineer (CSE) HP-UX 11i v3 - Specialty in Virtualization **[pdf]**

Exams HP0-095, HP0-A01, HP0-A02, HP0-090 (26.Feb 2008 - 27.Mai 2008)
- since 08/2008 Master-Thesis - "Pseudonymisierungssystem für einen TCPDUMP" ("Pseudonymizing system for a TCPDUMP") for the **Internet Analyse System (IAS)** of the **if(is) - Institut für Internet-Sicherheit** at the **University of Applied Sciences in Gelsenkirchen** with Prof. Dr. Norbert Pohlmann
- 02/2009 - 11/2009 Planning and implementation of mobile applications and web applications in the client and server environment, internal and external project coordination, system design, infrastructure and software architecture for **Four2B GmbH**, Gelsenkirchen as a permanent employee. (client platforms Android, iPhone, Symbian)
- 12/2009 - 07/2010 Freelance work for the **Institut für Internet-Sicherheit - if(is)** at der **University of Applied Sciences in Gelsenkirchen** with Prof. Dr. Norbert Pohlmann in **Internet Frühwarn Systeme (IFS)** and the internet portal **"Der Marktplatz IT-Sicherheit"**. development of Enterprise-Java-Applikationen (EJB3.0/JBoss 6.0), Webservices und iPhone applications.
- since 07/2010 Research assistant at the **Institut für Internet-Sicherheit - if(is)** at der **University of Applied Sciences in Gelsenkirchen** with Prof. Dr. Norbert Pohlmann in **Internet Frühwarn Systeme (IFS)** and the internet portal **"Der Marktplatz IT-Sicherheit"**. development of Enterprise-Java-Applikationen (EJB3.0/JBoss 6.0), Webservices und iPhone applications.

Stand: 19.10.2010