

# Andreas Marschke

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## Career Profile

- Currently second tier in the operating department as full employee
- Heavily investing in open source and general IT education on a variety of subjects ranging from web development/optimization over network infrastructure to virtualization

## Competencies

- Experience in multiple programming languages such as:  
Perl, C/C++/C#, Delphi, LISP, Shell(bash,sh), Python, JavaScript
- Thorough knowledge of the Debian GNU/Linux operating system
- Experience in packaging for Debian GNU/Linux
- Experience in packaging for CentOS/Redhat Enterprise Linux
- Experience in rapid-deployment methods using CentOS, Debian GNU/Linux
- Experience in webpage optimization methodologies and best practices

- Experience with various forms of network and server equipment ranging from Cisco/Juniper Switches and Routers and HP Proliant Servers and SMB and Enterprise Storages
- Experience with Brocade Fibrechannel Switches and SANs
- Thorough knowledge of the Nagios Monitoring Infrastructure
- Experience with crossplatform monitoring infrastructure based on Cacti/Nagios (NRPE,SNMP)
- Experience with vMWare ESX(4.x,5.x) Virtual Environments and vSphere infrastructure
- Experience using and automatic deployment of virtual machines based on a KVM/Libvirt Infrastructure
- Experience with relational and non-relational databases (MongoDB,PosgreSQL,MySQL/MariaDB)
- Experience managing and deploying Microsoft Server Infrastructure (Windows 2008 R2 and onwards) IIS7, MSSQL-Server and Active Directory
- Experience with managing Directory Services based on Microsoft Active Directory
- Experience with concepts and implementation of a RUM (Real User Monitoring)
- Experience with various client-side MV\* javascript frameworks (BackboneJS, AngularJS)
- Experience with data-visualization tools on the web (d3js)

## Education

Berufskolleg Uerdingen

Krefeld, North Rhine-Westphalia  
est. July 2013

- Apprenticeship for IT specialist in systems integration

## Work Experience

Via-Online GmbH (eBay affiliate)

Krefeld, North Rhine-Westphalia  
since October 2011

- Continued apprenticeship as an IT specialist in systems integration
- second member of a 2 tier operating team administrating a complete server and desktop infrastructure of mixed origin and age
- heavily involved in network infrastructure management and planning of new facilitation of networking
- concerned with every aspect of our infrastructure and user culture from desktop deployment to server administration

Credativ

Mönchengladbach, North Rhine-Westphalia  
Aug 2010 - Oct 2011

- Apprentice as an IT specialist in systems integration
- Along with the rest of the staff working on customers
- Mostly did evaluation and documentation work for free software projects that were used or planned to be used in projects for customers or in-house
- Mostly focused on Debian GNU/Linux

IKS

Bitterfeld, Saxony-Anhalt  
Aug 2009 - July 2010

- Internship as a systems integrator
- Developing in-house applications in Delphi ontop of a legacy platform maintained by the developer in charge
- Generally helping to support desktops and servers in a mixed environment

## Languages

English : Fluent, written and spoken  
German : Fluent, written and spoken

## Volunteer Work

- Git repositories for several personal open source projects  
<https://github.com/andreas-marschke>
- Blog  
<http://andreasmarschke.wordpress.com/>