

# Torsten Blum

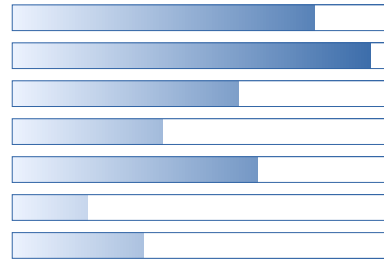
## WORK EXPERIENCE

- Aug 2008 **Architecture Specialist Global WAN, MAN IT Services GmbH**  
to  
today Business Transfer to **T-Systems International GmbH** in July 2009  
Tasks include: Refining global WAN architectural strategy, improving network management systems and managing network projects.
- Mar 2004 **Senior Network Engineer, Global Internet Engineering Group, Cable&Wireless**  
to  
Nov 2007 **New Global Backbone (AS1273)**  
Created and promoted a new, innovative, scalable and cost efficient network architecture, optimized the existing C&W global internet backbone, devised a GIS framework for network analysis and planning.
- Jan 2001 **Senior Network Engineer, Global Internet Engineering Group, Cable&Wireless**  
to  
Feb 2004 **Global Internet Backbone (AS3561)**  
Formed the C&W IPv6 working group, evangelized IPv6 inside C&W, prepared native IPv6 deployment, designed & deployed native IP Multicast, acted as the European AS3561 design authority and integrated acquired networks into the C&W backbone.
- Jul 1999 **Senior Network Engineer, Network Operation, Infrastructure and Peering**  
to  
Dec 2000 **department, Cable&Wireless**  
**Regional German network AS1273**  
Upgraded the C&W european IP backbone, introduced automatic route filtering for customers as well as a automatic revision control for equipment configuration, expanded the Munich Internet Exchange (INXS) and started an early IPv6 testbed.
- Nov 1995 **Network and Unix Systems Specialist for TLK**  
to  
Jul 1999 Designed and optimized customer networks, evaluated new equipment, managed technical vendor relationships, developed IP accounting and network management tools and a universal technical documentation system.
- Aug 1994 **Project member at The FreeBSD Project**  
to  
Nov 2002 Ported various software packages and provided technical support to users.
- Aug 1991 **Freelancing & Consulting**  
to  
Oct 1995 Installed and operated internet gateways and services, modified FreeBSD kernel and base system to implement customer specific features.
- Jul 1991 **Founding member of Internet Privat e.V**  
to  
Oct 1995 Co-founded a non-commercial and non-profit Internet Service Provider.

# SKILL MATRIX

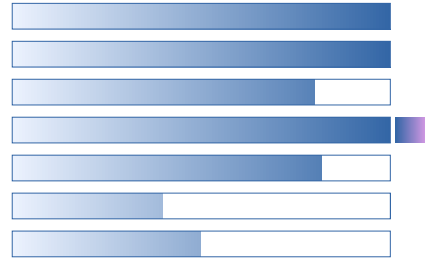
## Network Equipment (Layer 2&3)

Cisco (CSR, 12xxx, 7xxx, 6xxx, etc.)  
Juniper (T, MX, M Series)  
Foundry  
Alcatel (7750)  
Force10 (E-Series)  
Huawei  
Extreme



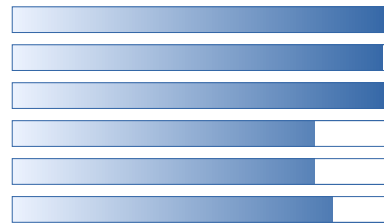
## Network Technologies

IPv4  
IPv6  
MPLS  
Multicast  
NMS  
IPsec  
VoIP



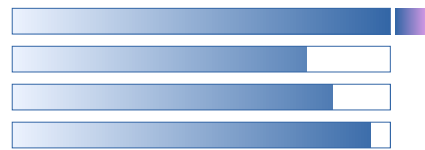
## High Level Skills

Network Engineering & Design  
Network Troubleshooting  
Network Migration & Optimization  
Network Operations  
Project Management  
Presentations



## Routing Protocols

BGP  
OSPF  
IS-IS  
PIM



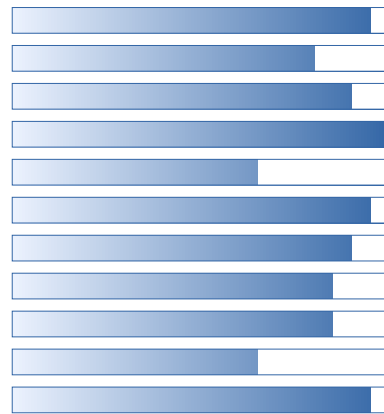
## Transmission Technologies

SONET / SDH  
Ethernet (Optical & Copper)  
xWDM  
ATM



## Various Networking Protocols

DNS  
DHCP  
SNMP  
IGMP  
LDAP  
Radius  
Tacacs+  
HTTP  
FTP  
XMPP  
SMTP



A more detailed profile is available at  
<http://torstenb.vmunix.org/Profile-English.pdf>

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<http://torstenb.vmunix.org/CV-English.pdf>