

Personal Data

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<u>Birth Year:</u>	1970	
<u>Nationality:</u>	German	
<u>Training:</u>	Degree Computer Science, University of Darmstadt Titel: Dipl. Informatiker	
<u>Languages:</u>	English German Turkish	
<u>Job Experience:</u>	> 15 Years Work Experience > 10 Years Project Experience > 5 Years Management Experience	
<u>Computer Working Experience:</u>	since 1988	
<u>Foreign Experience:</u>	International projects at Credit Suisse in London, Zurich and Luxembourg. International project at ALPIQ in Olten (Switzerland)	
<u>Character:</u>	Motivated and practical with a pronounced sense for simplification and automation. Speaks the language of the users. An experienced senior network designer and architect, project manager/project leader. Systematic and methodical in all functions.	

Availability

<u>Availability</u>	01.01.2015
<u>Operational Area</u>	Nation-wide, Rhein/Main area preferred
<u>Hourly Rate</u>	Dependence factors are the duration and requirements

Emphasis and past activities

Project Leader	In-depth project management knowledge and project management specialist (RKW/GPM)
IT-Consultant	<p>Within the range of networks, security, systems, Internet and Intranet</p> <ul style="list-style-type: none"> • System, network and security integration, • SW-Implementation / Migration • Data management, • Systems-Reengineering, • System development, • Planning and Implementation from Tests • Training & Documentation
Network- and System Consultant	Within the range network and system administration

Certification/Training

Project Management	Projektmanagementfachmann (RKW/GPM)
SUN Solaris	<p>SUN Solaris Administration 1 ASADM1 SUN Solaris Administration 2 ASADM2</p>
CISCO	<p>Building Scalable Cisco Networks Building Cisco Multilayer Switches Networks Introduction of Cisco Works Configuration Cisco Works and System prerequisite Cisco Certified Network Associate (CCNA) Cisco Certified Network Professional (CCNP) Cisco Certified Design Professional (CCDP) ICNX5 (Cisco Nexus 5K & 2K), Global Knowledge, London</p>
Info. Services	<p>Reuters Triarch Base and advanced training Technical Member Training of Xetra</p>
UHD	Remedy Action Request User- and Admin training
Netscreen	<p>Administration and Virtualisation training in London. Configuring Juniper Networks Firewalls/IPSec VPN Products Network and security manager administration training in Germany.</p>
Riverbed	Practical rollout and implementation of the Riverbed Steelhead WAN Optimisers.

Specialized Knowledge

Operating Systems	<ul style="list-style-type: none"> • SUNOS and Solaris • IBM AIX and HP UX • SuSe Linux • Windows 2000 (Server/Client) • Windows 2003 Server • Windows NT (Server/Client) • Windows 95, 98 and ME • Windows XP and Windows 7 • Novell Netware 3.x, 4.x, 5.x
Operating Systems Software / High Availability Systems	<ul style="list-style-type: none"> • Veritas Volume Manager • Veritas Cluster • Veritas Filesystem • SUN Cluster • Solstice Disk Suite • Windows NT/2000 Terminalserver • Citrix Metaframe 1.8 und XPe
Hardware	<ul style="list-style-type: none"> • SUN Ultra 1&2, E220, E450, E4501 bis E10K • SUN Storage Array • EMC Symmetrix 8730 • Cisco 6500, 5500, 5000, 3750, 4000, 2900 and 1900 Catalyst Switch Series • Cisco 7500, 7200, 4500, 3600, 2600, 2500 and 1600 Router Series • Cisco CSM and ACE 20 Load Balancer • Cisco Nexus N7K, N5K and N2K Switch Series • Fore Systems ATM-Switch Series • Triarch SSL4, Reuters 3000, DACS 4.2.1, AMS 7.2 und ISFS 4.1.2 Plattformen • Network Appliance Fileserver • Juniper Netscreen Firewall and NSM Series • Riverbed Steelhead WAN Optimizer 1050 and 5050 Series • Cyclades ACS Terminal Server Series
Software	<ul style="list-style-type: none"> • Citrix NFuse and Citrix Extranet • ACE and Radius Server • BEA WebLogic Server 6.1 and 7.0 • Apache Server, JServ, Tomcat, JSP, JSDK • Checkpoint Firewall-1 and NG • Nokia Checkpoint Firewall IOS • Netscreen Firewall IOS and NSM • Riverbed RiOS 6.1.4 • HP-OpenView, CiscoWorks and Telealert • Vitria Enterprise Application & Integration Tool BussinesWare • DataWareHouse on the Basis SAS-System Rel. 6.12 • Desktalk TrendSoft und TrendWeb • Remedy Action Request (UHD-Software) • NET-ID (QIP) IP-Management Server Software • Lucent Vital QIP IP – Management Software

Database	<ul style="list-style-type: none"> • Oracle • Sybase • MS SQL Server • MS Access • Lotus Notes
Security Products	<ul style="list-style-type: none"> • TACACS, RADIUS, IPSEC, SSH and ACS
Network Technologies	<ul style="list-style-type: none"> • Switches, Router, Cisco, 3Com, Ascend • ATM, FDDI • DFÜ (X.25, HDLC, SDLC, ISDN, Frame Relay and DDV) • LAN (Token-Ring, Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet) • IP- Routing (OSPF, RIP, EIGRP, IGRP, BGP V4) • Multicast routing: PIM • Multicast application: SmartPGM • ISO-Routing (CLNS, IS-IS, ES-IS, Integrated IS-IS) • IPX-Routing (IPX-Rip, NLSP, EIGRP for IPX) • Proxy, Firewalls • Timing systems: GPS and NTP • Mail (Qmail, sendmail, fetchmail, procmail), DNS, SNMP • IPsec, VPN's, MPLS, VoIP, QoS End to End • Windows network: WfW, Win95, Win98, WinME, Win NT, Win 2000, Win XP, Win 7
Network Test Tools	<ul style="list-style-type: none"> • WireShark, Wildpackets, NAI Sniffer configuration and utilization
Network Management Tools	<ul style="list-style-type: none"> • Spectrum • HP OpenView • RMON and SNMP configuration and utilization
Internet Technology	<ul style="list-style-type: none"> • Bea Weblogic Server • Tomcat • GNUJSP • Citrix NFuse • XML • Apache Server • JServ • Java, JSP, Servlets, Beans
Program Languages	<ul style="list-style-type: none"> • Shell Scripting • C/C++, • Java, Perl, PHP, HTML, XML
Methodology/Tools/Soft Skills	<ul style="list-style-type: none"> • Production of IT-Strategies, Business Cases and Feasibility studies • Process analysis and –Design • Requirement Availability using Volere • Project Management and Project Controlling • Production of Service Level Agreements (SLA/OLA) • Coaching, Change Management, Moderation, Creativity Techniques

Banking Systems	<ul style="list-style-type: none">• IGEFI MULTIFONDS• SER V3.FONDS• AQUIN MIG 21• AQUIN RBK• RTD Trade System Software• Reuters Triarch System
Market Data - Providers	<ul style="list-style-type: none">• WM, Open Bloomberg• Reuters, Telekurs
Voice Support	<ul style="list-style-type: none">• Avaya Site Administration Client Software 5.2 Tool• Avaya Desktop Telephone User Support, Installation and Configuration to include Avaya Models 4610, 4621, 9608, 9630, 9650• Avaya DECT Support including Wireless Access Points

Projects / References

Period	10/2012 – now
Enterprise	PricewaterhouseCoopers AG , Germany and Czech Republic
Industry	Accounting and auditing company
Position	Senior Network and Firewall Analyst/ Design/Architect and Engineer
Project / Subject	Network/firewall design and implementation. Data center project management. Responsible for design, architecture, implementation and 2nd level support of the clients data center networking landscape. Will be updated once the projects have been successfully completed.

<p>Period Enterprise Industry Position</p>	<p>01/2009 – 09/2012 Credit Suisse, Germany and Luxembourg Investment and Private Banking company Senior Network and Firewall Analyst/ Design/Architect and Engineer</p>
<p>Project / Subject</p>	<p>Network/firewall design and implementation. Data center project management. Responsible for design, architecture, implementation and 2nd level support of the clients data center networking landscape.</p> <p>Creating network and firewall design documentation. Implementation and migration of the Cisco network and Juniper firewall environments.</p> <p>Design and deployment of large scale Nexus N7K based data center solution leveraging OTV, VDC, vPC and VRF technologies.</p> <p>Design and implementation of the Juniper SSG-550 stretched cluster based data center solution.</p> <p>Design and implementation of the Cisco ACE load balancer within the data center sites in Germany.</p> <p>Creating request of proposal, design, implementation and support of the MPLS backbone network across the German sales offices. Deployment of end to end quality of Service (QoS) architecture and strategy for the MPLS core network.</p> <p>Rollout and implementation of the Riverbed Steelhead WAN Optimisers in Germany.</p> <p>Performing multiple software upgrades (IOS/CatOS) across all Cisco platforms for 100+ devices in Germany and Luxembourg to remediate security vulnerabilities.</p> <p>Introduction and implementation of the RunIP appliances in Germany.</p> <p>Coordinated efforts with Global Engineering to ensure all network devices conformed to defined network standards.</p> <p>Supervision and management of all planned network infrastructure installations to include version control, proof of concept and successful implementation into production with handover documentation.</p> <p>Active participation in the evolving improvement and automation of the installation and provisioning process for services and infrastructure implementation. Coordination of all change control, release control and deployment activities.</p> <p>Development and maintenance of complete documentation and status reports for the projects. Intensive collaboration with all engineering and operation teams during the projects.</p> <p>Governance of the involved suppliers for the projects.</p>

<p>Period Enterprise Industry Position</p>	<p>07/2009 – 12/2009 ALPIQ, Olten (Switzerland) Leading energy company based in Switzerland and active across Europe Network Architect and Analyst</p>
<p>Project / Subject</p>	<p>Network Engineering</p> <p>Design and Integration of the three data centers across Switzerland based on the NEXUS 7010 (N5K & N2K) platform.</p> <p>Work out migration concepts of the server and client access switches to the Nexus 7010 data center environment.</p> <p>Design and Implementation of the new MPLS backbone and network across Switzerland and Europe.</p> <p>Responsible for the IP network design of ALPIQ AG hosted in data centers in various locations in Switzerland. Support ALPIQ AG service product introduction as IP designer and planner.</p> <p>Analyze network requirements coming from ALPIQ business service integration projects or from network maintenance demand (end-of-life replacement, design optimization, etc).</p> <p>Design a network integration and extensively document it in "Product Network Design" and "System Network Design" documents. All documentation is in English and German.</p> <p>Align the network design with the System Architects, Security, Transport Network Planning, Testing and Operations.</p> <p>Develop and design switch, router, load balancer and firewall configurations</p> <p>Document configuration in the relevant Configuration Management Database.</p> <p>Co-ordinate and troubleshoot the execution of Change Requests.</p> <p>Co-ordinate small maintenance projects in the data centers, starting from project initiation until final delivery including project reporting.</p> <p>Support the planning project lead in service integration projects.</p>

<p>Period Enterprise Industry Position</p>	<p>01/2005 – 12/2008 Credit Suisse, London Investment company Network and Firewall Analyst and Engineer</p>
<p>Project / Subject</p>	<p>Network Operation Center</p> <p>Provided high level technical support of the Credit Suisse corporate data network and e-commerce infrastructure.</p> <p>Configured, managed and monitored multi-tiered DMZ's using Cisco routers and switches, and Netscreen Firewalls to set-up routing and security policies.</p> <p>Created plug proxies on UNIX Bastions Firewalls and Sidewinder virus scanners to permit communication between the corporate network, the DMZ and the internet.</p> <p>Managed the Bluecoat Cacheflows modifying policy and forwarding files to optimize bandwidth and performance of the Credit Suisse browsing infrastructure.</p> <p>Implemented load balancing solutions using Cisco Content Switches, Global Site Selectors, distributed directors and local directors for fault tolerance and fail over for web and application server farms.</p> <p>Made tactical changes to Netscreen and Nokia Checkpoint-NG firewalls in response to Market Data and Exchanges Services firewall change requests.</p> <p>Formulated and implemented various security solutions including, standard and extended access-lists, Network Address Translations (NAT) and setup VPN connections to third party clients.</p> <p>Utilized network management tools such as spectrum, Concord and Netflow to perform daily health checks identify any anomalies.</p> <p>Remotely accessed European branch networks and router logs to isolate outages, performance issues and intermittent behaviour of network devices.</p> <p>Maintained and supported Cisco 2500, 3600, 4000, 7200 series routers as well as Catalyst 5000, 5500 and 6500 series switches.</p> <p>Performed multiple software upgrade (IOS/CatOS) across all Cisco platforms for 1000+ devices in the UK and Europe to remediate security vulnerabilities.</p> <p>Organized QIP database for IP address allocation and management.</p> <p>Coordinated efforts with Global Engineering to ensure all network devices conformed to defined network standards.</p>

	<p>Involvement as a Senior Network Engineer in the Credit Suisse Group, Frankfurt office relocations. My responsibilities range from assisting in project management, infrastructure design, construction, deployment & evaluation. Managing subnet assignments and IP address control. Providing network relocation support. IPT rollout for new premises. Providing out of band and iLO connectivity for Windows and UNIX servers. Juniper Netscreen Firewalls deployment and configuration.</p> <p>Secondary responsibilities involve maintenance and project work involving Juniper Netscreen firewalls, Cyclades Alterpath terminal servers. Provided 2nd and 3rd line support for any Juniper Netscreen firewall work.</p> <p>Completed new office network installation, including the deployment of IPT and server installations in Germany. This includes the locations Berlin, Bielefeld, Braunschweig, Bremen, Düsseldorf, Frankfurt, Hamburg, Hannover, Köln, München, Nürnberg, Regensburg and Stuttgart.</p> <p>Good all round knowledge of data networking especially routing, switching and market data delivery mechanisms. Hands on network operations experience of supporting major corporate Cisco network infrastructure. Ability to analyse faults and diagnose network through to application issues using management/support tools.</p> <p>Firewall skills and market data and application knowledge as the fundamental part of this role was working closely with market data teams.</p> <p>As a member of the Network Operations Team, the primary function was to analyse complex problems, using network management tools/data, to provide pro-active monitoring/support to support and troubleshooting the bank's electronic trading applications.</p> <p>The role was requiring to undertake some core network operational duties when needed. This role is very business facing so strong communication skills are required to engage a range of users from senior management through to applications developers and non-IT business users.</p>
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<p>Period Enterprise Industry Position</p>	<p>07/2004 – 12/2004 Credit Suisse, Frankfurt am Main Investment company Network and Firewall Engineer</p>
<p>Project / Subject</p>	<p>Relocation of CS(D) AG from the MesseTurm to Cielo building at Theodor-Heuss-Allee.</p> <p>Creating design documents and installation and configuration of the Cisco networks environments.</p> <p>Support and consultation of the customers regarding Cisco-Networks.</p> <p>Extensive experience in the daily monitoring and troubleshooting of Cisco networks in distributed systems.</p> <p>The experience have been made in an operational and production environment characterized by custom application in addition to standard software running both on the client and server side, strict change control and by high availability requirements.</p> <p>Problem solving on TCP/IP base LAN/WAN with Cisco hardware and software (Cisco routers, switches, Cisco IOS, Cisco Works).</p> <p>Checkpoint Firewall NG HA configuration and VPN implementation.</p> <p>Extensive experience with the routing/switching protocols RIP, OSPF, BGP, HSRP, STP.</p> <p>Production of technical documentation supporting all life-cycle phases: Requirements specification, design proposals, test specifications and acceptance test plans.</p>
<p>Period Enterprise Industry Position</p>	<p>01/2004 – 06/2004 mcs IT-Services GmbH, Frankfurt am Main IT Service System- und Network specialist</p>
<p>Project / Subject</p>	<p>SAN Consulting Support and consultation of the customers regarding HP, SUN and IBM SAN solutions. Installation and Configuration of the offered SAN environments.</p> <p>Providing and setting-up of a backup concept under Veritas Netbackup.</p> <p>Production of the operating guidance manual and the tests and test reports.</p>

<p>Period Enterprise Industry Position</p>	<p>07/2001 – 12/2003 DB Systems GmbH, Erfurt and Frankfurt am Main Transport and Logistic System- und Network Specialist</p>
<p>Project / Subject</p>	<p>BKU3 Implementation Support and consultation of specialist areas regarding the standard software Bea Weblogic 6.1, 7.0, Apache 1.3.27, Tomcat 4.1.18.</p> <p>Parameters Installation of the specified software as well as JRE 1.3 and Oracle in the versions 8.1.7 and 9.2.</p> <p>Production of the operating guidance manual and production of the tests and test reports.</p> <p>Citrix Extranet Server Implementation (VPN) Production and implementation of an IPSEC based VPN and a concept for the treatment of accounting data via the Internet on the basis of Citrix Extranet 2.0.1 and ACE/Server 5.0.</p> <p>Installation and parameterizing the hard and software platform.</p> <p>Production of the manuals for administration, use and management as well as production of the tests and test reports.</p> <p>Citrix NFuse Implementation (K3/K2 Connection) Planning and implementation of a uniform, network-spreading application portal often commodity on the basis of Citrix NFuse 1.6.1, Apache servers 1.3.27, JServ 1.1.2, JSP 1.0.1 and JSDK 2.0.</p> <p>Citrix Terminal Server XP Integration Support and extension of the existing Citrix MetaFrame 1.8 farm. Reconstruction and extension of the firm standard on Citrix terminal server XP. Administration of the existing systems. Mechanism of new servers and applications. Adjustment of applications (for the enterprise on terminal server). Monitoring and improvement of the performance. Production of the operating guidance manual.</p>

<p>Period Enterprise Industry Position</p>	<p>10/1999 – 06/2001 Union IT-Services GmbH, Frankfurt and Luxemburg Asset-Management and KAG Network Specialist and technical Project leader</p>
<p>Project / Subject</p>	<p>HP OpenView network management system introduction Planning and introduction network management system on the basis of HP OpenView, Managementtools Ciscoworks and Telealert. Procurement hard and software, installation and parameterizing of the platform.</p> <p>Checkpoint Firewall-1 System introduction Planning and introduction of the Firewallsystems on the basis of Checkpoint Firewall-1 in Luxembourg. Procurement hard and software, installation and parameterizing of the platform.</p> <p>Desktalk WAN/LAN Reporting System Planning and introduction of the reporting systems on the basis of Desktalk Trend Software Ver. 3.5.2 und Desktalk Trendweb Ver. 3.1. Procurement hard and software, installation and parameterizing of the platform.</p> <p>Permanent change of station of the head office Restructuring of the active network infrastructure and conversion of the network of token loop to Ethernet (approx. 500 users).</p> <p>IGEFI “MultiFonds” fund administration software Implementation of the uniform local fond bookkeeping software “MultiFonds” for Luxembourg, Frankfurt and Switzerland. Adjustment, Germanasation and standardisation of the business processes within the range fund bookkeeping. Centralization and outsourcing of the bank operation system “MultiFonds” to bws. Technical and personnel guidance of the group in the context of goal agreements. Controlling and control of the development activities and expirations periods of the group. Development of the suggestions on the improvement of economy, productivity and flexibility. Promotion of the co-workers within the technical, methodical as well as social range and their preparation on constant innovations. Co-operation during the personnel requirement determination, choice of personnel, estimate and salary fixing. Responsible for the supply and implementation of the necessary project infrastructure and organization as well as the date -, cost and quality-assuring completion of the project.</p>

	<p>Vitria Bussinesware DAMA II (Data Mapping II) Planning and introduction Enterprise Application integration Tool (BussinesWare of the company Vitria).</p> <p>Procurement hard and software, installation and configuration of the platform.</p> <p>Middleware Office Planning and introduction of DataWarehouse on the basis of SA system Rel. 6.12 TS060 on the platform SUN E4501. Procurement of the hardware, installation and configuration of the platform.</p> <p>Order Management System (Fondsmanager) Cooperation at the preliminary study and to their results.</p>
<p>Period Enterprise Industry Position</p> <p>Project / Subject</p>	<p>10/1996 – 09/1999 Credit Suisse First Boston AG, London, Frankfurt and Zurich Investment company Network Specialist</p> <p>HP OpenView network management system introduction Planning and introduction network management system on the basis of HP OpenView in the address Frankfurt.</p> <p>New User-Help-Desk Planning and introduction of ate Management/UHD system on the basis of Remedy software in Frankfurt for 400 users.</p> <p>Xetra/Eurex Planning and extension of the Xetra and Eurex network infrastructures in the handelsbereich for 20 dealers.</p> <p>Y2K Y2K project co-ordination for the commercial systems Triarch, Reuters, open Bloomberg and RTD.</p> <p>New network infrastructure Restructuring of the LAN on the basis of Cisco/3Com-Router and 3Com-Switches/Hubs in the Lokation Frankfurt.</p> <p>Remote-Access-Services Planning and introduction of remote ACCESS services on the basis of Ascend routing and Ace/Radius server for 150 users (FFM, London, Zurich, Tokyo).</p> <p>Checkpoint Firewall-1 System Implementation Planning and introduction of the Firewall system on the basis of checkpoint Firewall-1 and SUN/Nokia systems (FFM, London, Zurich, New York, Madrid, Tokyo, Moskau).</p> <p>IP-Management Planning and introduction of IP management systems on the basis of NetID software and SUN Ultra hardware for 400 users (FFM, London).</p>

Period	05/1994 – 09/1996
Enterprise	Wayss & Freytag AG, Frankfurt
Industry	Building industry system
Position	Network specialist
Project / Subject	New Network management system Planning and introduction network management system on the basis of HP OpenView. New network infrastructure Restructuring of the network in the head office on basis of Cisco routing and Fore system At Switches with optical waveguide cable connections. WAN Backup system Backup concept for the head office of the company Wayss & Freytag AG on the basis of CITAM adapters (control commodity). IT reorientation Conceptional service/system administration and for Windows NT, Sun Solaris and VAX VMS of operating systems (400 users). Domain Name Services Conception and realization of a DNS server on the basis of IBM RS/6000 for the head office and twelve branch offices. Relocation computing centre Relocation of the complete computing centre, project-responsible for LAN/WAN on the basis of Cisco router and switch components. New network infrastructure Restructuring of the addresses Berlin, Duesseldorf, Hamburg, Munich within the network range on the basis of Cisco router and Lannet hub.

Reference

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