



Fields of experience	
Topics	Consulting, project management, software design, system management, high availability, security, messaging, application servers, databases, Unix
Methods	Script programming, C programming
Tools	Korn shell, Bourne shell, C shell, Perl, awk, sed, DCL
User interfaces	CDE, X-Windows, OSF/Motif, UIL, MS-Windows
Development tools	TeleUSE, BuilderXcessory, Sniff+, Insight, Sentinel
Databases	Oracle, DB2, RDB, SQL
Programming languages	C, Java, JMS, FORTRAN, Basic, Pascal
Platforms	AIX, Solaris, z/VM-CMS, z/390, Linux (Intel and S/390), OSF/1 resp. DigitalUnix, VMS resp. OpenVMS, Windows NT resp. Windows 2000, BOSS VS resp. BOSS VX, iSeries
Networks	TCP/IP, DECnet, SNA
WWW	Apache, Netscape, HTML, CGI, E-Commerce
EAI	WebSphere MQ, WebSphere Message Broker, WebSphere Application Server, BEA WebLogic, XML, WBI-FN, SAG, S.W.I.F.T
Word processing	WinWord, LaTeX, DECwrite
System management	MasterCell, Tivoli, Candle Command Centre
System security	Secure Shell, TCP-Wrapper, sudo, PKI, VPN, SSL
Miscellaneous software	RabbitMQ (AMQP), TIBCO Rendezvous, several Unix tools, Samba, MS-Word, MS-Excel, MS-PowerPoint, MS-Project, MS-Access, TeamLinks, eXcursion, Exceed, PathWorks, WinDD
General educations	Project management, consultancy training, conflict management, quality assurance, presentation techniques, team formation, moderation techniques
IT educations	RabbitMQ (AMQP), TIBCO Rendezvous, WebSphere Application Server, WebSphere MQ, WebSphere Message Broker, HACMP, RS/6000 SP, Tivoli , MasterCell
Foreign languages	German: Native speaker English: Fluent in written and spoken French: Basics
ITSM	Preparation of an ITIL service manager course
Certifications	- IBM Certified System Administrator – WebSphere MQ V6.0 - IBM Certified Solution Designer – WebSphere MQ V6.0 - ITIL foundation certification
Special knowledges	WebSphere MQ configuration and administration, WebSphere MQ security and tuning, design and configuration of high availability solutions for WebSphere MQ with WebSphere MQ clustering and usage of IBM-PowerHA, Sun Solaris, Veritas-Cluster, planning of high available application server, packaging (AIX: 'installp' format; Solaris: 'pkgadd' format; Linux: 'rpm' format)



Actual Projects		
since 09/2014	Customer	T-Systems International, Darmstadt
	Activity	WebSphere MQ consultancy on AIX, Sun Solaris, HP-UX, Windows and z/OS with the following tasks: <ul style="list-style-type: none"> - Migration from Version 6 to Version 7 - Designing cluster solutions – including SSL connections - Management of WebSphere MQ on AIX, Solaris, HP-UX, Windows and z/OS - Management of WebSphere Message Broker on AIX and Solaris
	Environment	WebSphere MQ, WebSphere Message Broker, AIX, Solaris, HP-UX, Windows and z/OS
since 05/2014	Customer	Commerzbank Frankfurt
	Activity	WebSphere MQ consultancy on AIX, Solaris and Windows with the following task: <ul style="list-style-type: none"> - Developing a proactive monitoring solution
	Environment	WebSphere MQ, Solaris, Windows, AIX
since 04/2007	Activity	Member of the user group „Guide Share Europe“ and chairman of the working group SMQSD (WebSphere MQ and Business Integration).
since 01/2007	Customer	Deutsche Börse Systems, Frankfurt
	Activity	WebSphere MQ consultancy on z/OS and zLinux, and administration of zLinux under z/VM with the following focal points: <ul style="list-style-type: none"> - Set-up and Test of MQ connections to customers of „Deutsche Börse AG“– including SSL connections - Planning and set-up of internal MQ trainings - Administration of WebSphere MQ on z/OS and zLinux - Administration of zLinux systems - Planning and introduction of unique zLinux standards - Administration of WebSphere Application Server - Administration of Apache web servers
	Environment	WebSphere MQ, Windows, zLinux, z/OS
since 04/2005	Customer	IBM IT Education Services Deutschland
	Activity	Execution of several Trainings about the following Themes: <ul style="list-style-type: none"> - WebSphere MQ Clustering - Administration of WebSphere MQ, version 7.5 - Administration of WebSphere MQ on z/OS, version 7.1
	Environment	WebSphere MQ, Windows 2000, AIX, Linux, Solaris, z/OS



Previous Projects		
01/2011 to 06/2012	Customer	T-Systems International, Darmstadt
	Activity	<p>WebSphere MQ consultancy on AIX, Sun Solaris, HP-UX, Windows and z/OS with the following tasks:</p> <ul style="list-style-type: none"> - Migration from Version 6 to Version 7 - Designing cluster solutions – including SSL connections - Management of WebSphere MQ on AIX, Sun Solaris, HP-UX, Windows and z/OS - Management of WebSphere Message Broker on AIX and Sun Solaris
	Environment	WebSphere MQ, WebSphere Message Broker, AIX, Sun Solaris, HP-UX, Windows and z/OS
12/2009 to 12/2010	Customer	Commerzbank Frankfurt
	Activity	<p>WebSphere MQ consultancy on AIX, Solaris and Windows with the following tasks:</p> <ul style="list-style-type: none"> - Set-up and test of systems needed for integration of Dresdner Bank into Commerzbank - Design and set-up of internal MQ educations - Management of WebSphere MQ on AIX, Solaris and Windows
	Environment	WebSphere MQ, Sun Solaris, Windows, AIX



03/2005 to 12/2006	Customer	HVBInformation Systems GmbH, Munic (Application Platforms & Integration)
	Activity	<p>WebSphere MQ consultancy and support, consultancy of fail-over scenarios with the subtasks:</p> <ul style="list-style-type: none">- Set-up and administration of several WebSphere MQ systems- Design and set-up of high availability solutions with WebSphere MQ clustering, IBM HACMP, SunHA, NT-Cluster, Veritas Cluster- Set-up of SSL connections with WebSphere MQ using WebSphere MQ clustering- Support for the set-up of a WebSphere Business Integration Message Broker on Solaris- Planning and set-up of a high available multi application platform with the WebSphere Business Integration Message Broker using WebSphere MQ clustering and Veritas Cluster for Solaris.- Replacing SAA by WBI-FN.- Set-up of a connection of WBI-FN to the WBI-MB of the multi application platform described above.- Set-up of a HBCI online banking solution.- Consultancy of several development projects- Problem tracing and solution- Ssh- and sudo configuration- Script programming (Korn shell, sed, awk, Perl)
	Environment	AIX, Solaris, Windows, z/OS, WebSphere MQ, WebSphere BIBM, WBI-FN, SAA, SAG, HBCI, Oracle, DB2, VPN, Korn shell, sed, awk, ssh, sudo, Perl, Java



01/2001 to 12/2004	Customer	AGIS GmbH, Frankfurt (Host services)
	Activity	<p>WebSphere MQ integration and support, consultancy of fail-over scenarios with the subtasks:</p> <ul style="list-style-type: none">- Set-up and administration of several hundreds of WebSphere MQ systems- Design and set-up of high availability solutions with WebSphere MQ clustering, IBM-HACMP, SunHA, Windows NT clustering, Veritas clustering- Set-up of SSL connections with WebSphere MQ- Assitance for the set-up of the WebSphere Business Integration Message Broker on z/OS and Unix- Design and development of standard procedures with project leadership- Consultancy of several development projects- Problem tracing and solution- Contact and escalation at the customers side and to the software vendor- Set-up and configuration of a TCP wrapper- Ssh and sudo configuration- Set-up of a Samba server- Design and set-up of VPN connections from external customers to the intranet of the Dresdner Bank with project leadership- Design and set-up of the connections from foreign branch offices to the intranet of the Dresdner Bank with technical project leadership- Coordination with network and firewall administrators and the internal IT auditors- WebSphere MQ administration and consulting- Administration of Unix servers and script programming (Korn shell, sed, awk, Perl)- Concepts and execution of WebSphere MQ educations
	Environment	AIX, Solaris, Windows, z/OS, SINIX, OpenVMS, HP-UX, Linux, WebSphere MQ, WebSphere BIMB, VPN, Korn shell, Samba, sed, awk, ssh, sudo, rsync, TCP wrapper, Perl, Java



04/2000 to 12/2000	Customer	DREGIS GmbH, Frankfurt (Unix services)
	Activity	MQSeries integration and support, WebLogic and WebSphere administration, system administration with the subtasks: <ul style="list-style-type: none"> - Set-up and administration of several MQSeries systems - Support for the application servers WebLogic and WebSphere - Design and set-up of high availability solutions with MQSeries clustering and SunHA - Implementing of several application servers with project leadership (substitution) - Coordination with the internal IT auditors and implementation of their requirements - Script programming (Korn shell, sed, awk, Perl) - Set-up and configuration of a TCP wrapper - Ssh and sudo configuration
	Environment	Solaris, Oracle, MQSeries, Korn shell, sed, awk, ssh, sudo, TCP wrapper, Perl, Java
In 03/2000	Customer	Comdirect Bank AG, Frankfurt
	Activity	WebSphere migration: <ul style="list-style-type: none"> - Support for the Migration of WAS 2 to WAS 3 - Project monitoring - Coordination between customer and software vendor (IBM)
	Environment	AIX, WebSphere, Oracle, DB2
01/1999 to 01/2000	Customer	Deutsche Bank AG, Frankfurt
	Activity	MQSeries integration and support, HACMP cluster set-up, assistance of the 2 nd level support therefore, system and web administration with the tasks: <ul style="list-style-type: none"> - Implementation of a MQSeries gateway solution for the investment bank with project leadership and team leading - 3rd level support for the application support department and for several development departments - Planning and integration of infrastructure products - Certification and implementing of software products - Support of the software development departments - Support of the other groups in the 2nd level support - Administration of two configuration DBs (RCM and CB) - Oracle administration - Set-up and administration of several web servers - Administration of several Unix servers (AIX and Solaris) - Script programming (Perl, Korn shell, sed, awk) - HTML and CGI programming - Configuration and set-up of several HACMP clusters
	Environment	AIX, Solaris, HACMP, RCM, CB, Oracle, HTML, CGI, Apache, HANFS, CDE, MQSeries, Oracle Procedural Gateway for MQSeries, Perl, Korn shell, sed, awk



11/1998 to 12/1998	Customer	Deutsche Bank AG, Frankfurt
	Activity	<p>2nd level support, integration and development, software integration, system and web administration, CGI programming with the following focuses:</p> <ul style="list-style-type: none"> - Development of HTML forms - Planning and integration of infrastructure products - Certification of software products of the development departments - Support of the software development departments - Support of the other groups in the 2nd level support - Administration of two configuration DBs (RCM and CB) - Oracle administration - MQSeries administration - Set-up and administration of several web servers - Administration of several AIX servers - Script programming (Perl, Korn shell, sed, awk) - HTML and CGI programming
	Environment	AIX, HACMP, RCM, CB, Oracle, HTML, CGI, Apache, HANFS, CDE, Perl, Korn shell, sed, awk, MQSeries
10/1997 to 10/1998	Customer	Deutsche Bank AG, Eschborn and Frankfurt
	Activity	<p>Integration and migration of several customer software with the following tasks:</p> <ul style="list-style-type: none"> - Controlling and revision of bank standards - Administration of two configuration DBs (RCM and CB) - Oracle administration - Support of the developers to observe the bank standards - Design and set-up of AIX servers and HACMP clusters - Administration of several AIX servers - Script programming (Korn shell, sed, awk) - HTML and CGI programming - Set-up and administration of a web server
	Environment	AIX, HACMP, RCM, CB, Oracle, Sybase, Tcl/Tk, Perl, HTML, CGI, Apache, HANFS, CDE, Korn shell, sed, awk, MQSeries



07/1995 to 09/1997	Customer	Landis & Gyr (Deutschland) GmbH, Frankfurt
	Activity	User support and expansion of a software to control power supply systems with the following tasks: <ul style="list-style-type: none"> - Expansion of the graphical user interface - Usage of a GUI tool (BuilderXcessory) - Unix kernel configuration - Interface customisation - C programming - Script programming (C shell, Bourne shell, sed, awk) - X11, OSF/Motif and UIL programming - Support of PC users with Windows systems - Documentation in English and German with WinWord - Set-up of a WinDD server - Printer installation for Windows 3.11, Windows-NT, UNIX and VMS
	Environment	OSF/1 and DigitalUnix, (Open)VMS, Windows 3.x, Windows 9x, Windows NT, C, C++, X11, OSF/Motif, UIL, BuilderXcessory, Sniff+, Insight, C shell, Bourne shell, sed, awk
08/1994 to 06/1995	Customer	ABB Netzleittechnik GmbH, Ladenburg
	Activity	Development of a graphical tool for management of a network conducting software as client/server solution with the following focuses: <ul style="list-style-type: none"> - Client/server programming - Design and implementation of a graphical user interface - Usage of a GUI tool (TeleUSE) - C programming - X11, OSF/Motif, UIL programming - Script programming (C shell) - SQL connection to RDB and Oracle databases - English documentation with DECwrite
	Environment	OSF/1 and DigitalUNIX, (Open)VMS, C, C++, X11, OSF/Motif, UIL, Oracle, TeleUSE, C shell, Sentinel
03/1994 to 07/1994	Customer	Krupp-Polysius AG, Beckum
	Activity	Developing of a process automation software for the cement industry production with the following focuses: <ul style="list-style-type: none"> - Developing of a graphical user interface - Usage of a GUI tool (BuilderXcessory) - C programming - Script programming (DCL) - X11/Motif/UIL programming - SQL connection to RDB and Oracle databases - Protocol and forms generation
	Environment	OSF/1 and DigitalUNIX, (Open)VMS, C, OSF/Motif, UIL, X11, SQL, RDB, Oracle, BuilderXcessory, DCL, DECnet, TCP/IP



07/1993 to 02/1994	Customer	Several cement factories near Paderborn
	Activity	<p>(Further) Development of a software for automatically charging of silo trucks with the following focuses:</p> <ul style="list-style-type: none"> - Design and set-up of ASCII user interface (FMS masks) - Creation of a monitor program to observe the system and shared memory - C programming - Script programming (DCL) - Installation and implementation of the system - Documentation with WinWord
	Environment	(Open)VMS, C, ASCII masks (FMS), DCL, DECnet, TCP/IP
05/1992 to 06/1993	Customer	Several customers out of different industries, mainly near Frankfurt/Main
	Activity	<p>Creation, customisation, installation and support of a business software with the following focuses:</p> <ul style="list-style-type: none"> - (Further) Development of an order processing and inventory administration software - Customisation of an existing order processing software to the customer needs - Further development of a logistics software for organisation of technician activities for the maintenance of automatically doors - Support of wage and financial accounting software - Development of a zip code information and conversion program - Documentation with WinWord
	Environment	M/A/I, BOSS VX, BOSS VS, GPx, MPx, Basic, Unix SVR4, SCO-Uinx