Overview: Over 20 year's computer experience. Specialized in Microsoft Networking, SAN, Compaq Clustering, BackOffice and Desktop Applications. Speak fluent German, English and Arabic languages.

Current Expertise:

Server Products:	Windows 2000 Server and Advanced Server, Windows NT Server and Enterprise Edition, MS Internet Information Server, MS Exchange Server, MS SQL Server and MS Proxy Server. TCP/IP, DHCP, WINS, DNS, Certificate Server, and SMTP Mail. Router, Hubs and Cabling. Proficient in network/hardware/server planning, integration and troubleshooting.
Clustering:	SAN (Storage Area Network), Compaq Clustering, HA/F500, CL1850 and Benchmark Factory and others. All aspects of SAN including Racks, Compaq ProLiant Servers: DL360 and DL360 Ultra Thin, 1600, 1850, 6400, 6500, 7000, 8000, 8500 and Workstations DeskPro XXXX. Hubs and switches, Fiber Optic for SAN including Fiber Optic Hubs and Switches, hardware and software testing tools, and others.
Desktop Products:	Windows 2000 Professional, Windows NT Workstation from 3.1 to 4.0, Windows 98, Windows 95, Windows 3.11 for Workgroup, MS-Windows through 3.1, MS-DOS from 1.0 through 6.22. Proficient in network, hardware, desktop planning, integration and troubleshooting. FoxBASE/FoxPro.
General:	Server, desktop and laptops planning, integration, support, administration and Training
Productivity Tools:	Visio, MS Office through 2000, FrontPage 1.x through 2000, MS Publisher, MS Project and others.

Professional History:

2000-Current Compaq Corporation, High Availability Systems testing and integration. SAN/LAN/WAN and clustering. 1999-2000 System Consultant - Interior Technologies, Inc.

1999-2000 System Integration - Harmeyer and Associates

1992-2000 System Consultant - Associated Canvas Products, Inc.

Integration of network server and desktops, accounting system, Microsoft Office, Internet publishing, e-mail system, System training. Continuous system administration, technical support, upgrade and training. Windows 2000 pilot testing, Internet and Intranet. **Environment:** Microsoft Exchange Server 4.0-5.5, Microsoft Internet Information System 1.0-4.0, Windows 2000 Professional and Windows 2000 Advanced Server, Windows NT Server 3.x-4.0, Windows NT Workstation, Windows 98, Windows 95, and Windows for Workgroup. FoxPro.

1998-1999 System Integration - CPC-Fluor Daniel

Document Tracking System (Custom VB 5/6 application). planning, design and integration. Duties include hardware and software integration and support for Internet/Intranet/Extranet, client server application design, integration, testing and training for local, national and international access.

Environment: Windows NT Server 3.51/4.0, Windows NT Workstation, Windows 95, MS IIS, MS SQL Server, MS Exchange Server, MS Certificate Server, MS FrontPage, MS Publisher, MS Office, IBM Servers, Desktops and Laptops, LAN, WAN, Internet, Intranet and Extranet.

1996-1998 System Consultant - HoustonBiz.com

Various server installations, setup configuration, maintenance, support, troubleshooting and training including Microsoft Windows NT. Microsoft Internet Information Server, Microsoft Exchange Server and Windows 95/98. Websites development.

Environment: Microsoft Windows NT Server 3.51/4.0, Windows NT Workstation, Windows 95/98, Windows for Workgroup, Windows 3.1, Microsoft Internet Information Server 1.0-4.0, Microsoft Exchange Server 4.0-5.5, Microsoft FrontPage 1.0-98, Microsoft Publisher and Microsoft Office 95/97. IBM, Compaq and other compatible PC. LANs, Internet, Intranet and Extranet.

1991-1997 System Consultant - Texaco. Inc.

Application design and development using FoxPro: LTS-Employees Loan Tracking System. Data exchange between FoxPro and Mainframe using Extra and DDE (Dynamic Data Exchange). Application developed in 1991. Maintenance, enhancements and technical support until 1997.

Environment: FoxPro, Windows NT, Novell, MS-DOS, Windows 3.11 and Windows 95. Mainframe data exchange from and to FoxPro using Extra.

1994-1995 System Consultant - ISC.

Application design and development using FoxPro: ARTS-Ad Response Tracking System. Beta-version testing and evaluation: Visual FoxPro and Windows 95. Contact Manager development using FoxPro. DDE — Dynamic Data Exchange **Environment:** FoxPro. Windows for Workgroup. Windows 95. Windows NT. MS-Office 4.0-95. Microsoft Exchange 4.0.

1994-1995 System Consultant — Chevron

2-applications design and developments using FoxPro: Technical Support Hot-line System and Offshore Work-Over Information Tracking System. End-user support and training.

Environment: Novell. Windows for Workgroup, LAN, WAN, MS Graph, CIS-Excel and Word data exchange with FoxPro.

1993 System Consultant - UtiliCorp United

Application design and development using FoxPro: Financial Instrument Tracking system. Bonds/ shares status tracking and management. The application was intended to be for multi-utility companies. **Environment:** FoxPro for Windows, and Windows NT 3.1, Windows for Workgroup, Power Tools, and Novell LANIWAN.

1992-1993 **System Consultant - Koch Industries**

Application design and development using FoxPro: National Order Entry and Trucking Dispatch System. Environment: FoxPro 2.5 Windows, FoxPro 2.5 DOS, FoxPro 2.0, Power Tools, Multi-LAN Communications.

1992 System Consultant - Accura Answering Service

Application design and development using FoxPro: Answering and Massaging System Tracking, Incoming calls and communication control, massaging and paging administration.

Environment: FoxPro 2.0, Power Tools, LAN, and Telephone Communication.

1992 **System Consultant - American Express**

Application conversion and development from Clipper to FoxPro for Windows: Travel Information System. Environment: Clipper, FoxPro. LAN/WAN

1991 System Consultant - Texaco, Inc.

Application design and development using FoxPro: Refinery Modeling System. Mainframe-data conversion. Excel-data conversion. LAN/WAN.

Environment: FoxPro 2.0, Novel and Windows.

1991 System Consultant - Resolution Trust Corporation — Gibraltar Savings

Application design and development using FoxPro: Asset Stratification and Reconciliation. Mainframe-data conversion. Environment: FoxPro, Excel, Word, Novell and Windows. LAN/WAN.

1991 System Consultant - Golf Systems, Inc.

Application development using FoxBASE and FoxPro: Modifying and enhancing an existing accounting system. Partially converting from FoxBASE to FoxPro.

Environment: FoxPro, FoxBASE, dBase II/III, Multi-Novell LAN in 12 cities, Communications, SBT and LAN/WAN

1990 System Consultant - Connect Computer Corporation

Application design and development using FoxPro: Accounting and payroll application enhancement. Environment: FoxPro, FoxBASE, dBase II/III, SBT and Novell.

1990 System Consultant - I.A.I.P.D., Inc.

Application enhancements and modifications using FoxPro: SBT accounting system, including accounts payable and receivable modification.

Environment: FoxPro, SBT and Novell.

1990 System Consultant - ABCD, Inc.

Application development using FoxPro: Development of third party sick pay module and payroll deductions and department distribution programs for SBT. Accounting systems integration and training. Environment: FoxPro, FoxBASE, dBase II/III and Novell.

1989-1990 System Consultant - Dun & Bradstreet

2-applications design and development using FoxBASE and FoxPro: Customer Service Council System and International-National Administrative Resources Council. Linking system to an existing SBT accounting system including remote order and shipping. Environment: FoxPro, FoxBASE, dbase II/III and Clipper. Multi-LAN/WAN, Novell and 3COM. Communication: Fax send and receive. SBT.

1987-1988 System Consultant - Spectrum Computer Services, Inc.

Application design and development using FoxBASE: Ad Processing and Publishing Systems for multi-newspaper publisher. System integration.

Environment: FoxBASE, Clipper, dBase II/1II, SBT, Novell.

1982-1986 System Consultant — Various companies

Various application developments using dBase and COBOL: population statistical information system, banking systems and several other turnkey projects including hardware and software evaluation and selection for various customers: banks. Governments, schools, universities, pharmaceutical, computer-consulting companies, hardware and software manufacturers.

Environment: DEC PDP11-24, VAX, IBM-PC and compatibles, PC-DOS, MS-DOS, C/PM, Novell, dBase and others.

1974-1981 Programmer, System Analyst and Consultant - Siemens AG

Several application developments using Assembler. COBOL. Pascal and RPG II: multilingual cargo/vessel statistic, appointment and MIS system. Fire and police department control systems. Other major projects for: the Ports Authority of Saudi Arabia, Hoffmann La Roche, Siemens internal, Siemens-Albis and Data Products.

Environment: IBM compatible MVS, VSE, Siemens OSI000/OS2000, and 600x series. JCL, Assembler, COBOL, RPG II, Pascal, Basic, relational and hierarchical databases. Communication SW and others.

Education: Microsoft Certifications since 1995. EDP/Business degree: Bavarian Technical Institute for Data Processing. Major in software design and development, minor in technical design and accounting. Siemens Institute for Data Processing: over 15 certifications for mainframe.