

LANCE KOBERLEIN

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OBJECTIVE: To use my talents and creativity in a challenging environment.

CURRENT POSITION: Senior Network Engineer, Senior Web Developer, DBA, Programmer

EDUCATION: B.S., Physics and Mathematics - Magna Cum Laude 1988
North Carolina Central University

PROFESSIONAL EXPERTISE:

- 25 years experience in PC Systems.
- 24 years experience in Software Design and Development.
- 24 years experience in Hardware Maintenance.
- 19 years experience in Data Processing.
- 17 years experience in Microsoft Windows NT.
- 14 years experience in Internet Information Server (IIS).
- 14 years experience in Web development.
- 14 years experience in Microsoft SQL.
- 14 years experience in Data Base Management Systems.
- 9 years experience in ADP systems analysis, design, and development.
- 8 years experience in Project Management / Team Lead.
- 8 years experience in Microsoft LAN Manager.
- 5 years experience in Scientific Programming.
- 3 years experience in 3Com 3+Share and 3+Open LAN Systems.
- 3 years experience in IBM LAN Server.

KEY ACCOMPLISHMENTS:

- Developed for, designed, built, and administered intranet web sites (IIS based) for reporting of company wide help desk data.
- Converted a major Power Builder application to Visual Basic and then to a web based application.
- Designed and implemented corporate wide master NT domain including WINS servers to support 75,000+ customers.
- Designed master NT domain with 10 servers to replace 85 IBM LAN Servers on 14 domains.
- Senior network engineer supporting 2500+ nodes and 85 servers on 14 domains spanning several sites.
- Wrote dozens of custom C/C++ programs to augment IBM LAN Server administration.
- Managed the NCI Network Center supporting a 2000 node LAN/WAN.
- Supervised a group of technicians in several LAN cutovers from 3Com to Microsoft LAN Manager and Windows NT ranging from 50 to 500 nodes each.
- Performed software application development and integration in support of multiple LAN/WANs.
- Performed hardware recommendations and installation and software application development and integration to support any and all office automation needs.
- Responsible for information dissemination on Pipeline Safety and for validation and accuracy of data contained in a Nationwide Pipeline Safety Information System.
- Developed software to automate graphics plotters.
- Managed a project involved with updating and creating a multitude of scientific data acquisition and analysis programs.
- Developed a menu driven scientific application which saved two years of data analysis.

TECHNICAL EXPERIENCE:

Hardware - NetFRAME, IBM, Apple and assorted PC clones. Bridges, routers, hubs concentrators and sniffers. 10Base-T, thin and thick ethernet, and tokenring. Printers, plotters, scanners, and many internal and external peripheral cards and devices.

Operating Systems - Windows NT, Windows 95/98, DOS, OS/2, UNIX, VMS.

Languages – ASP.NET, C#, HTML, T-SQL, ASP, Javascript, Visual Basic, C/C++, XML, PASCAL, BASIC, COBOL, PL/1, PC-ASSEMBLER, Fortran.

DBMS – MS SQL (versions 2008, 2000, 7, & 6.5), MySQL, Oracle, Sybase, dBase III+/IV, FoxBASE+, FoxPro/LAN, S1032, and others.

Other Software – Microsoft suite of development tools (including Interdev, Visual Developer Studio, Front Page, Visual SourceSafe, etc), Microsoft IIS (Internet Information Server), Microsoft Exchange, Power Builder, MS Office, WordPerfect, Lotus 123 and Notes, Harvard Graphics, Page Maker, Quattro, ProComm, Fastback, assorted memory managers and PC utility packages, to name a few.

RELATED EXPERIENCE SUMMARY

2001 to Present General Dynamics via Information Nebulous Consulting (Contractor)
Senior Web Developer, Project Coordinator, Data Analyst, DBA

- Web Developer, General Dynamics - Responsibilities include all aspects of web design, development and deployment on Microsoft based platforms (.NET, C#, VB, NT, IIS, ASP, JavaScript, ADO, SQL, T-SQL, XML) using mostly Microsoft based tools (Interdev, Visual SourceSafe, etc.). Additional responsibilities include database design, stored procedures development (T-SQL) and implementation, all new projects integrating with our systems, and report design, implementation, and maintenance (Crystal and Actuate). Legacy system interface designer.
- DBA, General Dynamics – Build and maintain SQL 2000 and 2008 servers, backup and disaster recovery design and implementation, performance tuning and index optimization, interface design, development and implementation (to multiple diverse systems – SSIS, DTS, T-SQL, BCP, FTP, Linked Servers, etc.), and coordinate testing and production releases.

2000 to 2001 AuraServ Communications (AuraServ.Com)
Senior Web Developer, Senior Integrator, Data Analyst

- LAN Engineer, AuraServ - Responsibilities include all aspects of Desktop Support/Server Support/LAN Infrastructure/WAN connectivity/Security including designing, ordering, building, testing, administration and maintenance (NT4, IIS, Exchange, SQL); all aspects of web design, development and deployment on Microsoft based platforms (NT, IIS, ASP, Javascript, ADO, SQL) using mostly Microsoft based tools (Interdev, Visual SourceSafe, etc.). Additional responsibilities include DB design, stored procedures development and implementation. Projects include product development of web based tools and reports, secure web for customer service with custom database and self-service section.

1999 to 2000 First Sierra Financial/Nexsoft (SierraCities.Com)
Senior Web Developer, DBA

- Web Development Services, Nexsoft - Responsibilities include all aspects of web design, development and deployment on Microsoft based platforms (NT, IIS, ASP, JavaScript, ADO, XML, SQL) using mostly Microsoft based tools (Interdev, Visual SourceSafe, etc.). Additional responsibilities include DB design, stored procedures development and implementation. Projects include Internet banking and other financial vehicles, marketing analysis (capturing, tracking and reporting).

1994 to 1999 MCI/WordCom
Senior Network Engineer, Senior DBA, Senior Web Developer

- Service Direct Support Services, MCI - Responsibilities include Remedy development and reporting and providing Remedy web support for all of Service Direct (this included building and supporting NT, IIS, and all associated web development and tools). Additional responsibilities include DB design, development and implementation for Service Direct. Other in-house tools that no other group can support such as MACNET (converted to VB then to ASP). Built many applications using VB (5 & 6) and WIN32 APIs. Wrote all MS SQL stored procedures for department.
- Performance Engineering and Systems Management, MCI - Responsibilities included project management and technical support for Microsoft's SMS (along with developing software distribution packages) to a 10000+ node multi-topology multi-domain LAN/WAN. Additional responsibilities include network administration, software development, needs analysis, design and testing, etc.

- Development Support Services, MCI - Responsibilities included project management and providing local and wide area network software and hardware support to a 10000+ node multi-topology multi-domain LAN/WAN. Additional responsibilities include network administration, software development, needs analysis, design and testing, etc.

1991 to 1994 Universal Hi-Tech Development, Inc.
Project Manager/Network Engineer

- Department of Health and Human Services, National Institutes of Health, National Cancer Institute - Responsibilities included project management and providing local area network software and hardware support to a 2000 node multi-topology LAN/WAN. Additional responsibilities include network administration, needs analysis, design and testing, etc.
- Department of Health and Human Services, National Institutes of Health, Department of Research Grants - Responsibilities include providing local area network software and hardware support to a 500 node LAN/WAN within the Department of Research Grants. Additional responsibilities include network administration, needs analysis, design, etc.

1989 to 1991 Wilson Hill Associates, Inc.
Programmer/Analyst/Technician

- Department of Transportation, Hazardous Materials Information System (HMIS), Office Automation Task - Responsibilities included providing training, hardware and software support, programming and local area network support to 200 users within the Research and Special Programs Administration. Additional responsibilities include network administration.
- Department of Transportation, Hazardous Materials Information System (HMIS), Pipeline Subsystem Task - Responsibilities included applications programming, data base design, development and implementation. This position requires monitoring source document control, data input, analysis, and quality assurance and validation of data on a MicroVAX II nationwide data base system. Additional responsibilities included compiling statistics for the Secretary of Transportation's Annual Report to Congress and responding to requests for information from the Government and private industry.
- Environmental Protection Agency, Office of Toxic Substances, Existing Chemical Assessment Division Task - Responsibilities include providing hardware and software support, purchasing, installing and supporting a local area network; applications programming, data base design, development and implementation.
- Environmental Protection Agency, Office of Pesticide Programs, Special Review and Reregistration Task - Responsibilities include applications programming, data base design, development and implementation.

1990 to 1991 Automated Sciences Group
Technician/Analyst

- Department of Transportation, Research and Special Programs Administration, Network Support - Responsibilities include hardware and software installation and testing for a local area network supporting 200 users. Acted as assistant network administrator.

1987 to 1989 National Institute of Environmental Health Sciences
Physical Science Aid/Programmer

- National Institute of Environmental Health Sciences - Programmer/Analyst and Lab Assistant - For two years was responsible for all aspects of lab instrumentation, interfacing instruments with PC's, communication (PC's with a VAX 8700/8650 Cluster), programming (Apple Basic, machine language, PASCAL), and data acquisition and analysis. Programming accomplishments include development of a menu driven scientific application which saved researchers 2 years of data analysis.

1986 to 1987 North Carolina Central University
Research Assistant/Programmer

- North Carolina Central University - Programmer for the Department of Physics - Was responsible for linking a HP graphics plotter to an IBM-PC and developing a user-friendly PASCAL program to automate the plotter. Also assisted the staff with their programming needs.