

Objective

A leadership role within a development team, responsible for a customer-facing product/service or an internal information system, making use of software, firmware and/or communication technology.

Technical Skills

General Purpose Programming Languages

C, C++, C#, BASIC, VisualBasic.NET, Java, COBOL, Pascal
SQL (MySQL & Informix)
dBASE, FoxBASE+, FoxPro, Clipper, Informix 4GL, Progress 4GL
Bourne/Korn/bash shell scripting, Perl, Python, awk
lex, yacc
Assembler (80x86 and 6809)
Prolog, LISP, CLIPS

Web Development Technologies

HTML, CSS, JavaScript
PHP, ASP.NET, JSP (Java Server Pages), CGI
Java Applets

Operating Systems / Development Platforms

FreeBSD, Linux, CentOS, BSD/OS, SCO UNIX, Solaris, OpenBSD, HP-UX, Wyse UNIX
Microsoft Windows (all versions), Novell Netware
PalmOS (aka Garnet)

Network Hardware

Cisco IOS: 760, 800, 1000, 1600, 2500, 2600, 3600, 4000, 4500, 4700, 6500, 7200, 7500
Ascend (Lucent): Pipeline 50, 75, 200, MAX 4000, 4048, 6000
Livingston (Lucent) pm2e

Internet Server Software

Apache (WWW), bind (DNS)
sendmail (SMTP), qpopper (POP3), IMAP-UW (IMAP4)
OpenSSH (ssh), mysql (SQL), ipsecd (IPsec)
cistron-radius (radius), gated (RIP, OSPF, BGP4)

Development Utilities and Libraries

Btrieve, D-ISAM, Berkeley db, IJG jpeg, freetype, curses
Xlib, Motif, GTK

Industrial Communication and Automation Technologies

802.15.4 Zigbee, 802.11 WiFi, Wireless HART
Ethernet/IP (Rockwell)

Experience

Cooper Bussmann

April 2005 – February 2009

Technical Sales & Marketing Support Specialist – Core member of team to develop a product which monitors electrical systems, utilizing radio communication, industrial wireless mesh networking, and Internet-enabled intelligent device management. Led evaluation of voice-of-customer, design of product architecture, and development of design specifications and requirements. Coordinated inter-component interfaces between outside development partners. Managed projects of outside software development teams. Involved in all areas of testing, including system installation and evaluation at beta test sites. Managed Unix system administrator and database administrator.

Hands-on development responsibilities included integration of hardware and software components to create Linux-based appliance, development of on-board configuration utility, ancillary test and diagnostic utilities, and end-of-line testing software. Utilized C and VB.NET under Linux and Windows.

Primary support responsibilities for sales and marketing efforts of the product. Developed user, installer, and technical documentation for system, marketing literature and online product information. Conducted technical product training for sales force, accompanied salespeople on customer calls, interfaced with customer's IT and data security personnel, coordinated and assisted with on-site installation, and provided post-sale product support.

Coreth Consulting, Inc.

March 1999 – April 2005

Independent Consultant to Internet service providers. Installed and maintained Unix and Windows NT servers. Specified, installed, and administered Cisco and Lucent routers and terminal servers. Designed and developed custom software solutions such as high-volume mail service and account management/billing software. Provided 24 hour technical support coverage to small ISP's. Advised during the business planning stages of new ISP's.

Karl Bissinger's French Confections, Inc.

April 2002 - September 2003

Project Manager to Replace IT Infrastructure (Contractor) – Managed projects associated with deploying an MRP system for a company which is involved in manufacturing, distribution, and catalog, Internet, and retail sales. Developed an order entry application using VisualBasic.NET and Informix and redeveloped the e-commerce web site using PHP and MySQL. Redesigned the Wide Area Network.

A.G. Edwards & Sons, Inc.

October 2000 - February 2002

Network Engineer (Contractor) – Led the effort to redesign and replace the infrastructure for DNS and related nameservices. Researched and documented the existing architecture, systems, and procedures. Evaluated third-party software solutions. Proposed methods for integrating the recommended architecture with Microsoft Active Directory and older legacy systems. Oversaw the migration to the new implementation. Provided third-level support and troubleshooting.

Michael Pearce ▪ (314)422-1583
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Show-Me Online, Inc. **November 1999 - February 2004**

Technology Officer – Operated an IP network for a local Internet Service Provider. Administered Unix and Windows servers, Cisco and Ascend routers and modem servers. Developed custom Web solutions for customers, primarily with PHP. Provided top-level customer support and troubleshooting. Trained and oversaw the administrative activities of the technical staff. Developed new product offerings for the company.

Varner Technologies, Inc. **May 1996 to March 1999**

Technical Operations – Designed, installed, and maintained a multihomed, regional IP network offering dial-up Internet access nationwide. Installed and maintained FreeBSD, SCO Unix, and Windows NT servers. Responsible for the security of both the office administrative network and the production Internet backbone. Designed, wrote, and implemented software for new products and services, Internet account management software, various network utilities, and advanced CGI applications. Managed the technical staff and the technical support call center. Gave evaluations and recommendations for such company decisions as marketing strategies and company acquisitions. Assisted in the early stages of the company's Initial Public Offering.

MVP-Net, Inc. **June 1995 – April 1996**

Network Operations – Managed the technical operations of a large Internet Service Provider. Administered a complex, multi-state wide area TCP/IP network. Operated BSD/OS Unix servers which supported that network and provided services to customers. Installed equipment at customer premises and provided consulting regarding customer needs and problems. Oversaw the technical staff.

CMS Communications, Inc. **October 1991 – June 1995**

Responsible for the company's internal MIS needs. Administered and maintained multiple UNIX, DOS, and Novell Netware systems networked via TCP/IP WAN, provided technical assistance and training to employees for both hardware and software, and programmed in-house applications using FoxBASE+, Progress 4GL, and C under UNIX and DOS.

Creative Business Services, Inc. **May 1990 – October 1991**

Provided technical support to customers concerning UNIX and Novell Netware systems and PC based hardware and software. Installed and maintained UNIX and Netware systems, often with turn-key software. Programmed custom applications and modified existing programs and accounting software in FoxBASE+, C, and COBOL under UNIX.

The Computer Support Group **August 1989 – May 1990**

Designed, implemented, and maintained major database applications under DOS and Novell Netware using a variety of languages, including C, COBOL, and BASIC. Other responsibilities included configuration and maintenance of Netware networks and customer support and training.