Michael Pearce ▪ (314) 422-1583 ▪ mpearce@coreth.com
2204 Country Forest Drive ▪ Imperial, MO 63052

Objective

A leadership role within a project team, responsible for a customer-facing product/service or an internal information system, making use of network, communication and/or software 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
Bourne/Korn/bash shell scripting, Perl, Python, awk
lex, yacc
Assembler (80x86 and 6809)

Web Development Technologies

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

Operating Systems / Development Platforms

BSD Unix: FreeBSD, Solaris, BSD/OS, OpenBSD
Linux: RedHat, Fedora, CentOS
AT&T Unix: SCO Unix, Solaris, Wyse Unix, HP-UX
Microsoft Windows, Novell Netware

Internet Server Software

Apache (WWW), bind (DNS)
sendmail (SMTP), qpopper (POP3), IMAP-UW (IMAP4)
OpenSSH (SSH), MySQL (SQL), pipsecd (IPsec)
cistron-radius (RADIUS), gated (RIP, OSPF, BGP4)

Development Utilities and Libraries

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

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

Industrial Communication and Automation Technologies

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

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Experience

Thomson Reuters   **July 2009 – present**

Unix Systems Engineer (Contractor) – Member of an operations team responsible for a complex environment of several hundred Solaris and MS Windows servers providing financial data and news to clients via the Internet. Responsible for deployment of new servers, software and operating system upgrades, implementation of controlled changes, and testing in the pre-production environment. Provide second-level support, troubleshooting and resolving customer complaints and proactive monitoring anomalies. Troubleshooting of network and firewall problems. Replacement of failed hardware in local data center.

Cooper Bussmann   **April 2005 – February 2009**

Technical Sales & Marketing Support Specialist – Product Marketing and Development. Led the software design and development effort for a multi-component monitoring product, utilizing radio communication, industrial wireless mesh networking, and Internet-enabled intelligent device management. Software technologies used in the development included C, C++, J2EE (Java), microcontroller assembler, Oracle PL/SQL, XML, WS/SOA, Open Laszlo, VB.NET, TCP/IP sockets, IVR, embedded Linux, Solaris, WebLogic, Oracle Enterprise Server, and Actuate e.Report. Led and approved the architectural design of the system. Managed the software development project, including internal and external development resources. Provided sales and marketing support, including training, documentation, and assisting on sales calls.

Coreth Consulting   **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   **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   **October 2000 – February 2002**

Network Engineer (Contractor) – Provided support and troubleshooting for a large, highly redundant core network and Metropolitan Area Network. 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.

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Show-Me Online   **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   **May 1996 – 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   **June 1995 – April 1996**

Network Operations – Managed the technical operations of a large Internet Service Provider. Administered a complex, multi-state wide area 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   **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   **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.