

Bob Huang

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Objective

Executive management position in software development and information systems, provide high-level integrated development and infra-structure service

Skills Summary

Object Oriented Programming C, C++, MSVC, MSVB

E-Commerce/Data Warehousing Programming HTML, DHTML, XML, Java, Java Beans, JSP, JavaScript, CGI, PERL, ASP, VBScript, ADO, COM, PHP, Shell Script

M-Commerce Programming WML, WMLScript, WAP, Web Clipping, Two-way pager, Avantgo, Web-enabled cell phone, Palm and other wireless devices

Database Programming and Administration all major RDBMS, including Oracle 7 to 8, Microsoft SQL 6 to 7, MySQL, mSQL, DBase III, IV, FoxBase

Web Server Administration Apache Web Server, Netscape Enterprise Web Server, MS IIS 4 to 5, load balancing, fault tolerant and scalable system design

LAN/WAN Administration Hardware implementation, Ethernet, TCP/IP, SNMP, OSI,

Cisco/Ascend/3COM Routers/Switches/Hubs/Concentrators/Remote Access/Check Point Firewall-1/Proxy Server

MS System Administration Windows NT (3.51, 4.0 and 2000) server/workstation, installation/maintenance, Microsoft Exchange server 5.0 and 5.5, DNS and DHCP server installation/maintenance

Unix System Administration Solaris 2.6 and 2.7, Linux, BSD, SGI

Experience

Chief Technology Officer, February 2000 – Now Onedayfree, Inc., Cupertino, CA 95014

Oversees all engineering development projects and IT operations. Identify and implement appropriate strategies to insure scalability, performance and security. Hire, train and motivate staff members in Engineering and IT departments.

- Developed fault-tolerant and scalable B2B online exchange platform software (patents pending)
- Developed complete M-Commerce option for the exchange platform on all major wireless devices
- Deployed a highly available and scalable B2B portal (<http://www.onedayfree.com>) in 3 months
- Hired, managed and directed teams of engineers and administrators in engineering and IT departments
- Developed, communicated and presented company technology strategies at the board level
- Managed engineering and IT budget accurately and timely
- Developed new dynamic e-mail marketing technology (patents pending)
- Developed and maintained relationships with outside suppliers and vendors

Director of IS, July 1999 – January 2000 Lynx Real-Time Systems, San Jose, CA 95124

Manage, design, examine and implement business information systems for the entire company, including Enterprise Relationship Management (ERM), Y2K, LAN/WAN, telco/PBX, SQL/Informix databases, remote access, intranet/web, emergency response and recovery, multiple platform, NT, Solaris, Linux and Lynx OS

- Implemented Quintus customer support system
- Provided E-commerce support for sales and marketing
- Deployed new Siebel 99 ERP system and upgraded Minx accounting package
- Connected remote users through VPN
- Outsourced existing web site
- Installed, administered, and supported Microsoft Exchange mail/DNS server/DHCP server
- Developed and maintained relationships with outside suppliers and vendors

- Managed all information system related projects

IT Director, September 1998 – June 1999 Lawgic Publishing Company, Novato, CA 94945

Manage, design, examine and implement business information systems for the entire company, including Enterprise Relationship Management (ERM), Y2K, LAN/WAN, telco/PBX, SQL databases, remote access, intranet/web, emergency response and recovery.

- Salvaged the existing ERM system from a proprietary database to MS SQL server-client database structure
- Deployed new Siebel 99 ERP system and Platinum SQL accounting package
- Connected remote users through VPN and modem pool access
- Moved existing web site in house and designed online E-Commerce shopping cart (<http://www.lawgic.com>)
- Deployed complete computer telephony solution for telemarketing and customer support
- Drafted and Implemented new network security procedures, installed Cisco PIX firewall
- Installed, administered, and supported Microsoft Exchange mail/DNS server/DHCP server/Remote Access server
- Upgraded existing LAN/WAN/Desktops/Servers within an annual budget of \$5 million
- Built and managed a team of about 30 people, including software/web engineers, help desk representatives, facilities engineers and contractors
- Developed and maintained relationships with outside suppliers and vendors
- Managed all information system related projects

MIS Manager, January 1998 – September 1998 Gunderson Dettmer LLP, Menlo Park, CA 94025

Manage, design, examine and implement business information systems for the entire firm, including LAN/WAN, telco/PBX, SQL databases, remote access, intranet/web, emergency response and recovery.

- Redesigned firm's CIS structure towards a unified NT platform, refined emergency response/recovery procedures
- Expanded firm's Nortel PBX switching capacity, and expanded Octel voice mail system
- Connected main office in CA to Ausin, TX office with WAN/VPN through ISP's ATM backbone
- Upgraded existing ISDN connection to dedicated T1 to the Internet, designed new intranet/internet web sites
- Drafted and Implemented new network security procedures, installed firewall with Microsoft Proxy Server
- Upgraded the LAN to 100Base-T and fiberoptics-hybrid network, upgraded all existing NT servers to Windows NT 4.0
- Installed, administer, and support Microsoft Exchange mail/DNS server/DHCP server/Remote Access server
- Upgraded file/application servers, implemented clustering on crucial operational servers
- Led a team of two helpdesk assistants and one trainer to train/help about 180 end users
- Upgraded DOCS Open File System
- Upgraded/upgrading existing LAN/WAN/Desktops/Servers within an annual budget of \$0.75 million
- Switched firm's telco provider, cut the total telco cost by 25% while maintaing same level of service
- Designed intranet web site and linked existing MS SQL 6.5 databases to the web site through a web interface

IT Specialist/Manager, May 1995 – December 1997 Affymax Research Institute, Palo Alto, CA 94304

Design, examine and implement LAN, intranet design and management, web-based software programming

- Designed and implemented a complete 10Base-T Ethernet local area network on Windows NT 4.0
- Interfaced existing Macintosh and UNIX systems with Novel Netware 4.12
- Implemented network security protocols, installed Check Point Firewall-1
- Install, administer, and support Microsoft Exchange mail/DNS server/DHCP server
- Designed a new intranet web site with HTML, Java, and Active Server Pages (based on Microsoft IIS 3.0)
- Integrated existing biological Oracle database with a new web-based interface designed in MSVC using ODBC/RDO, user could access the database with a web-browser on any platform (i.e., platform independent)
- Designed a new web-based chemical purchasing system in MSVC using ODBC, user could order from existing on-line catalogs with a web-browser on any platform
- Provided daily hardware/software support for Sun Solaris, SGI and Linux workstations

- Provided daily hard/software PC/Macintosh/UNIX support for more than 100 users

Programmer September 1991 - May 1993 Nankai University, Department of Chemistry, Tianjin, China

Database design, programming and management

- Designed a department-wide relational database to hold all records of undergraduate office, written in Dbase/FoxBase
- Trained a group of operators for database maintenance
- Provided technical support for all desktop PC systems inside the department

Education

BS Computer Science July 1991 Nankai University, Tianjin, China

BS Chemistry July 1991 Nankai University, Tianjin, China

MS Chemistry July 1994 University of California at Berkeley, Berkeley, CA

References upon Request