Thomas B. Seeker

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Career Goal

Client Server Systems Architect for a high technology firm

Qualifications Summary

Nine years of experience in designing, installing, and troubleshooting computing systems; a proven track record in identifying problems and developing innovative solutions.

Technical Skills

- PROGRAMMING: C, C++, Visual BASIC, FORTRAN, Pascal, SQL, OSF/Motif, UNIX Shell Script (sh, ksh, csh), BASIC, Clipper, Algol 68, and 80X86 Assembler.

- OPERATING SYSTEMS: UNIX (bsd & SVr3/r4), MS Windows, MS DOS, MS Windows NT, Solaris, HP-UX, Ultrix, AIX, VAX/VMS, and Macintosh System 7.

- NETWORKING: TCP/IP, OSI, Microsoft LAN Manager, Novell Netware, DDN, Internet, Ethernet, Token Ring, SNA, X.25, LAN-WAN interconnection.

- APPLICATIONS: Microsoft Office, Microsoft Access, Microsoft Visual C++, Microsoft Project, Microsoft Publisher, Lotus 123, Lotus Freelance, System Architect, and others.

Professional Experience

Systems Engineer

Computer Engineering Corporation, Los Angeles, CA, 1993 - Present

- Provide systems engineering, software engineering, technical consulting, and marketing services as a member of the Systems Integration Division of a software engineering consulting company.

- Designed and managed the development of an enterprise-level client/server automated auditing application for a major financial management company migrating from mainframe computers, db2, and FOCUS to a workgroup oriented, client/server architecture involving Windows for Workgroups, Windows NT Advanced Server, Microsoft SQL Server, Oracle7, and UNIX.

- Designed an enterprise level, high performance, mission-critical, client/server database system incorporating symmetric multiprocessing computers (SMP), Oracle7's Parallel Server, Tuxedo's on-line transaction processing (OLTP) monitor, and redundant array of inexpensive disks (RAID) technology.

- Conducted extensive trade studies of a large number of vendors that offer leading-edge technologies; these studies identified proven (low-risk) implementations of SMP and RDBMS systems that met stringent performance and availability criteria.

Systems Analyst

Business Consultants, Inc., Washington, DC, 1990 - 1993

- Provided technical consulting services to the Smithsonian Institute's Information Technology Services Group, Amnesty International, and internal research and development initiatives.

- Consolidated and documented the Smithsonian Laboratory's Testing, Demonstration, and Training databases onto a single server, maximizing the use of the laboratory's computing resources.

- Brought the Smithsonian Laboratory on-line with the Internet.

- Successfully integrated and delivered to Amnesty International an $80,000 HP 9000/750 Server consisting of 8 Gigabytes of disk space and 9 software systems that required extensive porting work and documentation.

Automated Data Processor

US Army Infantry, Germany, 1986 - 1990

- Analyzed problems and ADP processes; designed, tested, and implemented software and hardware systems for an organizational operations center.

- Supervised the maintenance, deployment, installation, and operation of a battalion's personnel system that monitored and controlled up to 12 platoons in a fast-paced, technically demanding environment.

- Designed a maintenance reporting program that converted the labor intensive task of producing weekly status reports from a 4-day to a 2-hour process.

- Developed a departmental computer literacy training program, teaching classes on microcomputer operating systems, office automation software, and introductory programming.

- Taught a "Structured Programming and Problem Solving" course for the Community Education Center after work hours.

Education

Computer Systems Technology Program

Air Force Institute of Technology (AFIT)

BS, Mathematics/Computer Science

University of California, Los Angeles (UCLA)

Specialized Training

- Database Administration, Performance Tuning, and Benchmarking with Oracle7; Oracle Corporation.

- Software Requirements Engineering and Management Course; Computer Applications International Corporation.

- X.400 Messaging and Allied Communications Procedures-123 Profile; ComTechnologies, Inc.

- GOSIP LAN Operating System Network Administration; ETC, Inc.

- Interactive UNIX System V r4 (POSIX) System Administration; ETC, Inc.

- Effective Briefing Techniques and Technical Presentations; William French and Associates, Inc.

- Transmission Control Protocol/Internet Protocol (TCP/IP); Technology Systems Institute.

- LAN Interconnection Using Bridges, Routers, and Gateways; Information Systems Institute.

- OSI X.400/X.500 Messaging and Directory Service Protocols; Communication Technologies, Inc.

- US Army Signal Officer Advanced Course, US Army Signal Center, Georgia; Honor Graduate.

Certification, Honors, and Professional Affiliations

- MCP Trainer, DCS.

- MCP Trainer, SDD.

- MCP Certified Systems Engineer.

- MCP Certified Product Specialist, Networking, MS TCP/IP, and MS Mail 3.2 for PC Networks.

- Member, Armed Forces Communications and Electronics Association (AFCEA).

- Recipient, Department of Defense Meritorious Service Medal, Defense Information Systems Agency (DISA).