
Steven M. Casagrande

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CAREER OBJECTIVE

Seeking a challenging management position in the areas of client/server architectures and application development, IT operations, and project management. An ideal position would use my extensive software development, management, and international project management skills.

QUALIFICATIONS

- Experienced in the design, implementation, and performance analysis of computer and telecommunications systems.
- International work experience: USA, Singapore, Belgium, Hong Kong.
- Broad scope services proposal development. Cost models, technical solutions, outsourcing business and human resources issues, project planning and management, and client management.
- Skilled software development leader. Proficient in UNIX variants (AIX, Solaris, HPUX, Linux, and real-time pSOS/pSOS+), languages (C/C++, Java, PHP/Perl/Shell scripting, HTML, SQL databases), PC environments and applications. Leader for large-scale system performance analysis and improvement. Extensive experience with real-time, embedded telecommunications systems. Systems and Network Management experience with NetView and Tivoli.
- Project Management, architecture design, and planning of large, multi-release systems.
- Excellent interpersonal, management and leadership skills.

PROFESSIONAL EXPERIENCE

Personal Sabbatical

March 2001 -

Plan B: An extended bicycle trip around the world - the adventure of a lifetime.

Present

<http://www.geocities.com/scasagrande>.

IBM Corporation: December 1995 – March 2001

January 1998 -

Technical Solution Manager

March 2001

IBM Hong Kong

- Application development and management for *MMIS*, a large multimedia system for the Hong Kong Central Library supporting over 500 clients from a large SP2 server, including streaming media, web services, DB2/SQL database search engines, and overall application and rollout management.
- Development of outsourcing solutions, including technical, operations, HR, and business issues, proposal writing and negotiation, and systems design and integration.
- Coordination of delivery, finance, project management and client relationship team members for outsourcing solutions.
- Project Management and technical consulting for Tivoli TME10 rollout for multiple outsourcing customers.
- Customer interface and relationship management.

August 1997 -

I/T Architect

November 1998

IBM Belgium

Software Design for Technical Surveillance Complex for Eurocontrol's Air Traffic Control system

- Design and development for SNMP/SMUX network management agents and hybrid agent/managers.
- C/UNIX (AIX), client/server architecture, NetView/6000, Qualix HA+ high availability.
- Project Manager for Tivoli TME10 system rollout at Caterpillar, Belgium. Tracking and coordination of a three-location installation (Belgium, France, and Switzerland) for systems management, network management, and software distribution system.

December 1995 -

Solutions Architect, Telecommunications

July 1997

IBM Singapore

Project Management and Software Design for *Network Traffic Management System* for Singapore Telecom

- Design and development for high-availability TMN-based telecommunications network management system.
- Technical lead for 10 software developers.
- C, C++/UNIX (AIX), client/server architecture, RS/6000 multiprocessor architecture (SMP), NetView, HACMP, Oracle/SQL, X.25, OSI management.

AT&T Bell Laboratories: August 1988 - October 1995

March 1991 -
October 1995

Member of Technical Staff**AT&T Bell Laboratories , Holmdel, New Jersey USA**

Software Development and Systems Engineering for DACS II.

- Lead software developer and team leader for the DACS II and DACS II ISX digital cross connect systems.
- Systems engineering, customer field support, and systems integration.
- C/UNIX, pSOS real-time OS, Motorola 68k multi-processor high-availability architecture, ECMS/CMTS/Sablime change control, development on Sun SPARC.

August 1988 -
March 1991

Member of Technical Staff**AT&T Bell Laboratories - Lincroft, New Jersey USA**

AT&T Telemarketing Solutions Organization

- Systems Engineering, Test, Development of UNIX-based programs.
- C/UNIX/Shell, SCCS, 3B2 and Intel processors.
- Lead systems engineering and planning of client/server platform architecture for integrated voice/data telemarketing systems.
- Coordinate planning of telemarketing products, including migration strategies, release planning, and development schedules.

August 1986 -
May 1988

Graduate Research Assistant**Center for Research, Inc. - Lawrence, Kansas USA**

- System/Network Administrator for AT&T 3B2 computers and UNIX PCs. Research and software design for communication systems simulation projects.

Summers
1986, 1987

Graduate Engineering Intern**NCR Corporation - Wichita, Kansas USA**

- Testing and diagnosis of firmware and hardware for SCSI tape controller.
- Systems Engineering and Testing of system board level design errors on NCR 9200 Minicomputer.
- NCR sponsored my Masters Project at the University of Kansas.

September 1985 -
May 1988

Computer Programmer**University of Kansas Personnel Services - Lawrence, Kansas USA**

- Development of software and procedures to implement Employee and Applicant Databases.
- PC and Mainframe applications, including dBase, Smart, FOCUS, and MVS/CICS.

September 1985 -
May 1988

Assistant Manager, Computer Programmer**Kansas Video-Audio - Wichita, Kansas USA**

- Development of PC Point-Of-Sale system to control sales, rentals, and inventory.

EDUCATION**Master of Science (MS), Electrical and Computer Engineering, May 1988**

The University of Kansas, Lawrence, Kansas USA

Specialization: Telecommunications

GPA: 3.7/4.0, Graduate with Honors

Areas Studied: Digital Communications Systems, Digital Signal Processing, Coding Theory, Random Signal Theory, Communications Networks, Testing and Simulation of Digital Logic.

Masters Project: *Discrete Event Simulation of SCSI Disk Subsystems.*

Bachelor of Science (BS), Electrical and Computer Engineering, May 1987

The University of Kansas, Lawrence, Kansas USA