

Mark Steele

Languages English, French

Objective Seeking a challenging management or systems administration position in the Internet/E-commerce/IT milieu. Skilled at project management, design and implementation of client-server applications, e-commerce applications and Internet Service Provider (ISP) client management systems.

Professional experience November 2003 Zango Canada / 180Solutions Inc. Montreal, PQ
Information Systems Manager / Implementation Director

- Management, planning, performance optimizations and administration of the company's technological infrastructure for the Canadian division of 180Solutions.
- Implemented an automated backup system as well as a disaster recovery procedure.
- Implemented automated network monitoring system (Nagios).
- Implemented multi-tier database replication system (MySQL).
- Managed a team of developers (5 unix/web/php programmers, 2 designer, 4 Windows programmers and 1 junior systems administrator) and implemented a company-wide development methodology and version control system.
- Implemented opcode caching, application level caching infrastructure, distributed logging architecture and load balancing for the company's web server cluster.
- Managed web server cluster of 75 nodes serving 300+ million web requests per day with a peak data throughput of 300 Mbits/sec.
- Managed database server cluster (2000-5000+ queries/sec with a database size of 160 gigabytes and approximately a billion rows of data).
- Due diligence documentation which was required for the company's acquisition by 180Solutions.

2001 - 2003 Inet Technologies Inc. Montreal, PQ
Vice president research and development

- Management of a team of software developers (6) for the development of several online applications which include an ad server (<http://www.pegaz.com>) and an automated web site hosting solution (<http://www.funio.com>).
- Writing of reports for government research and development grants for the various projects developed in the company.
- Routine server administration tasks (backups, maintenance, optimizations, growth projections, capacity planning, network

monitoring)

- Design and implementation of an Internet payment gateway system (NetBilling Payment System <http://www.netbilling.ca>).
- Working with the various departments in the company to plan a roadmap for company's growth and assuring that deadlines were met.

1999 - 2000 Belmont Entertainment Montreal, PQ

Systems administrator

- Design and implementation partnership revenue sharing system.
- Routine server administration tasks (backups, maintenance, optimizations, growth projections, capacity planning)
- Perl programming

1998 - 1999 Delphi SuperNet Montreal, PQ

Supervisor corporate division

- Distribution of automated sign-up CD-ROM
- Corporate sales and customer service
- Web site development/Perl programming for internal and customer sites.

1997 -1998 ColbaNet Inc. Montreal, PQ

Supervisor corporate division / Supervisor customer service

- Design and implementation of automated network monitoring software
- Corporate / Residential customer service
- Design and implementation of technical support Intranet
- Perl programming
- Web site translation

Skills and aptitudes

- Highly motivated
- Team player
- Customer oriented
- Leadership
- Work well under pressure
- Good problem solving skills

Education

2005 - McGill University Montreal, PQ

Cisco Certified Network Associate

- CCNA certification in progress (Network Infrastructure 1 & 2 completed successfully)

1993 - 1997 Concordia University Montreal, PQ

Bachelor of Arts, Major Psychology

- Degree incomplete (81/90 credits completed)

1991 - 1993 Champlain Regional College Lennoxville, PQ

Diplôme d'études collégiales (Sciences Humaines)

1986 - 1991

Séminaire de Sherbrooke

Sherbrooke, PQ

Diplôme d'études secondaires (Général)

Programming and
Software
Proficiencies

- Operating systems: Unix (Linux/FreeBSD), Windows (98/ME/NT/2K/XP). Perl/mod_perl (expert), PHP (expert), C/C++ (working knowledge)
- Databases: High performance MySQL database server administration (2000-5000+ queries/sec, replication), PostgreSQL, GDBM, BerkeleyDB.
- E-mail software: Qmail, Sendmail, Courier-IMAP, Postfix, Exim
- Web server software: Apache (1.3.X, 2.X), C2Net Stronghold, thttpd.
- FTP server software: NcFTPd, Wu-FTPd, ProFTPd, sftpd, vsftpd
- Firewall software: IPTables Linux firewall, OpenBSD Packet Filter
- DNS server software: Bind 8/9, DjbdNS (tinydns/dnscache)
- Credit card processing software: MCVE payment server (Monetra).
- Network file systems : NFS, CIFS (Samba)
- Version control systems : Subversion, CVS
- Distributed logging: Spread cluster messaging toolkit.
- Memory caching: Memcached distributed memory object caching system.
- Hardware technologies: NortelNetworks Alteon, Foundry Networks ServerIron XL/Chassis, F5 BigIP load balancer, Cisco routers/switches, X86 based servers (Intel Pentium/AMD Opteron 64 bit).
- Office suites: KOffice, Microsoft Office
- Linux distributions: Slackware, Gentoo, RedHat, Debian.

References

References will be available upon request.