

Mike Geiger

Address: 104 Condor Drive, Ottawa, Ontario, K1V 9C5

Tel: 613-225-6580 E-Mail: Mike@Geiger.ca Website: <http://mike.geiger.ca>

CAREER OBJECTIVE

To enable dynamic and growing companies in reaching their full potential by optimizing the usage of information technology.

PROFILE

I am a freelance computer and network consultant, as well as the owner of a small ISP offering specialized and managed services. The majority of my day-to-day work is system and network design and administration, primarily on a wide variety of Unix systems, but also Windows and other proprietary systems. Frequently called on an emergency basis to fix systems, I am adept at rapidly auditing, selecting, and implementing solutions to all types of problems. I frequently consult on systems and software design, security audits, and disaster recovery planning. For some clients, these roles have developed to allow larger operational-type work on my part, allowing the development of my management skills and of my ability to communicate with very large customers effectively. When working on a project, I am always mindful of security, long-term sustainability and the overall quality of my product. I possess strong social skills and therefore I am fully capable of working in either a team or completely self-managed setting.

EXPERIENCE

Freelance & Contract Consultant, mWare Technologies <http://mWare.ca> **2003-Present**

Technical consulting and support services for a variety of businesses, from ISP/NSPs to small offices, as well as retail stores, individuals and professionals. Client engagements vary from hours to months, retainer and emergency/on-call. mWare encompasses most of my work since 2003. Larger contracts with: Emerald Health Information Systems, El Catalyst, Tvidia Corp., Layer 7 Technologies, WadeTech/MidTown Reproductions, Mooney's Bay Computer, Achilles Internet, Zendo Media, Microplay, Synergyx, LhNet.ca and others.

President & CEO, Server North Inc. <http://ServerNorth.net> **2005-Present**

All system operations, business development, sales and customer support. This business was founded with a handful of partners and limited start-up capital. Server North's focus is on quality of service and customer satisfaction. We operate in three datacenters with a high degree of internal and external redundancy. Datacenter operations include hardware and network vendor negotiation, identification of best service providers, negotiation of leases, deployment of equipment, co-ordination for disaster recovery planning and disaster simulation. Operations are prioritized to 99.99% availability, with SLA backing. Some of our high-profile clients are UserFriendly.org, BoxFabric, Health Canada, Spherion, Defensive Intuition, LhNet.ca (a TekSavvy company) and more.

Co-Op Student, Human Resources Development Canada **Summer 2003**

Work term for ATI Oracle certification, assisting with day to day procedures and operations, proposing a new method of ETL to reduce loading time from DMS II (Unisys) to Oracle 8i (on HPUX) from ~300 hours to 25 hours, adding detailed login restrictions, automating table analysis for any schema. Acted as a Unix guru assisting with Cognos cube generation scripts.

System Administrator & Development, Sedona Networks **1999 and 2000**

Developed Sun Solaris systems for management of high-availability applications using Java (JRE/RMI), in-house tools and Solaris administration for a rapidly-growing company. Other tasks included network/system administration and integration of standard Unix services (DNS, firewall/gateway, E-mail).

Co-Op Student, Nortel Networks - Japan SAA Linecard Project (J100) 1997-1999 (Multiple Terms)

Device testing, research, documentation, and setup of test equipment benches/racks. Windows NT, Solaris and HPUX system administration and PC hardware support. Designed, created and maintained my department's Intranet site for the purpose of ISO 9000 compliance. Designed and implemented an automatic test queuing system that accepted test requests from the Intranet, dispatched them to the appropriate testing device, returned a report to the user and stored for the results archival purposes.

OTHER EXPERIENCE**Summer Student, City Of Ottawa - Revenue/Finance 2001 and 2003**

Performed skip tracing and contacted delinquent offenders using various search tools including the Internet and Equifax. Assisted caseworkers and reorganized 150,000+ paper files in preparation for transfer to a new facility. Developed tool for the City's website that provided ratepayers with estimate of their taxes and a breakdown of the sum. Customer service representative for the tax department, provided tax account and other information to ratepayers, lawyers, appraisers, mortgagees, etc.

EDUCATION

- Graduated Oracle Development and Database Administration Certification, Algonquin Technology Institute, 2003
- Computer Technology/Science, Algonquin College, 2000-2002
- OAC Diploma, St. Patrick's High School, 2000

SKILLS & FAMILIARITY

Unix: FreeBSD, OpenBSD, NetBSD, Mac OSX, Linux, Sun Solaris, SCO Unix, m0n0wall, pfSense, OpenWRT

Windows: 2003/2008 Server, Vista/7, XP, 2000, NT4, NT3.51, 9x

Programming: bourne/bash/csh, perl, PHP, HTML, JavaScript, CSS, PL/SQL, pl/pgsql, BF, awk, sed, tr

Messaging: postfix, sendmail, Cyrus, UW-IMAP, ArchiveOpteryx, ASSP, maildirs/mboxes, XMPP, IRC

Virtualization: Vmware, BSD Jails, QEMU, Xen, OpenVZ, KVM, Virtual Box, Parallels

Databases: PostgreSQL, Oracle, MySQL, Sqlite, MS SQL

Monitoring: Zabbix, Cacti, MRTG, SNIPS/NOCOL, Smokeping, Net-SNMP, OpenNMS, Hyperic

Networking Layer 1: Ethernet, WiFi, ATM & xDSL, Fiber, GigE Jumbo Packets, 802.3AF (PoE), LDDs

Networking Layer 2: MAC/Ethernet, VLAN/dot1q

Networking Layer 3: IPv6, IPv4, CIDR/VLSM, DHCP, DHCP6, RA, MTU/MSS difficulties

Networking General: PPTP, L2TP/PPPoE, GRE, OSPF/RIP/BGP, DNS, IPMI, VoIP/SIP/RTP/STUN

General Servers: Samba, Apache, Tomcat, BIND, Shoutcast, Zebra/Quagga, OpenBGPd, OpenVPN

Vendors: Cisco, Cisco/Linksys, NetGear, 3Com, Dell PowerConnect, Foundry, Zhone, Sun, Microsoft

EXTRACURRICULAR

Photography, photoblog: UnderExposure.ca, music and podcasts, playing guitar and bass, mountain biking, rollerblading, skiing

Social Networks: digg, FaceBook, Flickr, FreeNode, mWtNet, LinkedIn, Twitter, Plazes

Communities: TorIX, OttIX, NANOG, uPowered, BSDcan, UserFriendly.org, Flickr-Ottawa, PacketThreads' #IX, #PAULDOTCOM, BOINC, TEDxOTTAWA 2009