



SA20110509KI

Systems Administrator

Profile

This candidate has six (6) years of experience with Linux and ten (10) years of experience in administration. Over the years, he has worked with RHEL, Ubuntu, Unix, Nagios, SVN, Open Saloris, Apache, Samba, Oracle DB. He has experience in Shell and VB scripting.

Technical Skills

Server Operating Systems:	Linux, Free BSD 4.0; Solaris Novell NetWare 5.0; Windows NT 4.0 server; Windows 2000; Windows XP; Windows 2003; Advanced Server.
Client Operating Systems:	DOS; Windows 3.x 9x; Windows NT 4.0 workstation; Win 2000 Professional; Win XP.
Protocols:	IPX – Novell; TCP/IP; IPX/SPX; NETBEUI; PPP; X.400; X.500; 802.11 wireless.
Data Communication Architectures:	Ethernet; Token-Ring; Dialup and rented telephone lines;
Program Languages:	C; C++; Microsoft Visual C++ with MFC; DirectX Com; Java; Java Script; ASSEMBLER pour Intel x86, Perl, PHP.
Script Languages:	Bash; Microsoft IIS ASP; DHTML; HTML; SQL.
Server Services (demons):	Linux CVS; Microsoft IIS; Apache; Sendmail – Linux; DNS – Berkley named; Microsoft DNS server; dhcpd – DHCP server on Linux; Sendmail; POP3; NIS; NFS; Microsoft DHCP server; WINS – Microsoft server; WINS – Linux; Microsoft Active Directory; LDAP(Linux Suse)
Data Bases:	My SQL server; Microsoft SQL server; Novell BTRIEVE; Microsoft ACCESS; Post Gre SQL server, Oracle.
Support of Medical Systems:	VARIAN, PHILIPS, GULMEY, GE.
Areas of Information Technology:	Network analyses; Network implementation; Network administration; Web integration.
Areas of Technical Support:	Medical equipment support; Network support; Hardware support; Software support.

Academic Education

Electrical Engineer 2000

Professional Experience

T-Publicity, Montreal

October 2010 – Now

Linux/UNIX Administrator

- Took care of hardware and operating systems;
- Created Linux OS kernel compilations;
- Created virtual engines and configurations for Linux OpenVZ and Solaris Zones;
- Moved virtual engines (containers) from one host to another;
- Edited a Web site and maintained configuration files;
- Managed users' access on LDAP and VPN;
- Managed OS and application software packages versions from Puppet and SVN;
- Managed entries for BIND;
- Monitored an infrastructure from Centreon setup parameters for Nagios;
- Scripted on BASH and Perl for autoimmunization purposes;
- Scripted XML for ANT and Cruise Control – Automatic Building and control of building for Tomcat;
- Tuned capacity and performance;
- Resolved backup issues.

Hardware: SUN servers, RAID Controllers, SUN SAN, SANS switches, Tape Units and Libraries, ILO, ALOM

Operating systems: Ubuntu, Red Hat Enterprise Linux, Open Solaris.

Applications: Nagios – Centreon, Apache, Tom Cat, SSH, OpenVPN, Open LDAP, OpenVZ, Puppet, bind, qmail, MySQL, php, SVN, cron, HA proxy, LVS, Net Backup.

IBM/Bell, Montreal

June 2010 – October 2010

AIX UNIX Administrator

- Monitored capacity and performance of AIX OS and Oracle DB engines;
- Tuned capacity and performance on AIX and Oracle;
- Managed logical volume;
- Took backups and restored OS, VGs, and DBs;
- Monitored backups;
- Updated mechanically and cleaned DBs;
- Scripted BASH for AIX;
- Resolved problems with FTP running on AIX;
- Updated firmware of IBM Servers, RAID controllers, Disks and Tape Units;
- Supported SAN DS4700–DS80000;
- Rebuilt Arias on RAID 10 and 50.

Hardware: IBM p series, RAID Controllers, SAN, SANS switches, Tape Units and Libraries.

Operating systems: UNIX AIX 4.2, 5.1, Red Hat Enterprise Linux, Win 2000, Win 2003, Win 2008.

Applications: TIVOLI (TSM, MS), SRM, IBM Director, Active Directory 2008, DHCP, DNS, Control–M, Oracle 7, 10, 11G.

To get more information, please contact Monika LABNER at 514-744-5353, extension 287.

NOVIPRO / Montreal – Quebec

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CGI-SG, New York

April 2010 – May 2010

Application Support Specialist

- Troubleshoot functionality of homemade applications from ELIOT group;
- Resolved issues related to Java code by reading logs of Java and managing Java VM with JST;
- Patched applications from ELIOT group;
- Monitored load balancing of applications from ELIOT group;
- Monitored and tuned capacity and performance for DB running on Sybase and Oracle;
- Optimized and improved applications from ELIOT group;
- Analysed architectural over applications from ELIOT group;
- Scripted BASH, Perl and PHP scripts on CRON and AUTOSYS.

Applications: MSSQL 5.0 and 8.0, ORACLE 8i, 9g 10g, SYBASE 14.0 and 15.0, Panagon FILE NET, CA AUTOSYS, TUXEDO, IIS, APACHE, TOM CAT, SJSWS, ITRCK, ELIOT, and its subordinate applications as NETS, HIPRO, EFBM, MERLIN, CAB, SLART LOAN, ECI, DSL.

Portec Rail, Pointe-Claire

April 2009 – April 2010

System Administrator

- Installed and supported VmWare Infrastructure 2 and 3;
- Created images and administrated clients' operating systems running on VmWare infrastructure;
- Monitored and balanced load OS running on VmWare Infrastructure;
- Managed and monitored guests OS (Windows and Red Hat Enterprise Linux);
- Load balanced VI and, if needed, moved Guest OS to another server;
- Installed and supported TIVOLI end point, SRM and IBM Director monitoring tools for Linux and Windows;
- Scheduled jobs on Cron and Control-M Scripting BASH, Perl and PHP Linux;
- Administrated Active Directory Servers based over 2003 and 2008;
- Resolved security problems related to RSA, Token in AD;
- Installed, supported and scripted writing for IIS;
- Administrated DHCP and DNS servers and auto identification;
- Administrated WIN server;
- Installed, supported and monitored Veritas Net Backup service, and did restores;
- Installed and supported VPN SSL;
- Installed and supported Exchange 2003;
- Installed and supported Sendmail service for Red Hat Enterprise Linux;
- Installed and supported MSSQL enterprises DB cluster;
- Installed and supported Citrix Metaframe-Terminal Service;
- Installed and supported SSH for Red Hat Enterprise Linux and Windows Sygwin;
- Developed DBs and administrated Sybase and Oracle 10 G. DB backup and restores, tuned performance, audited security, built some DB application on WebLogic 9.2 and 10;
- Supported DB2 SQL server work with Websphere over AIX 5;
- Developed DB Client and DB administrative tools on C++ and Java;
- Supported switches and cables;
- Built and supported 802.11 WLANS;

To get more information, please contact Monika LABNER at 514-744-5353, extension 287.

- Installed and supported Linux routers using iptables and IP2 routing;
- Supported Sybase SQL server work with Apache Tomcat over Linux.

Hardware: IBM, DELL, HP and COMPAC servers, RAID Controllers, SAN, SANS switches, Tape Units and Libraries (optical and tape).

Operating systems: Win 2000, Win 2003, Win 2008, UNIX Solaris, AIX, Red Hat Enterprise Linux.

Applications: VmWare, TIVOLI (TSM, MS), SRM, IBM Director, Active Directory 2008, DHCP, DNS, Exchange 2003, Control-M, IIS, Citrix Metaframe, Sybase 12.x-15.x, Oracle, Veritas NetBackup.

JGH, Montreal

October 2008 – April 2009

Systems Analyst

- Supported COREVUS running on Solaris cluster;
- Supported and installed Double Take;
- Installed and supported CA Bright Store ARC server for Red Hat Enterprise Linux, Suse and Windows;
- Supported Tivoli Storage Management;
- Installed and supported print services and queues;
- Installed and supported capacity and performance software for Red Hat Enterprise Linux and Windows;
- Installed security patches;
- Supported Citrix Metaframe;
- Supported and installed Sybase 15.2;
- Supported ARIA DB running on Sybase DB administration for Sybase, DB backup and restores, tuned performance, audited security;
- Installed and supported Infomaker 9.0;
- Installed and supported Eclipse;
- Updated firmware of IBM Servers, RAID controllers, Disks and Tape Units;
- Supported X-ray CT Image Equipment of Philips, GE;
- Supported X-ray Cancer Treatment Equipment of Varian Medical Systems and GULMAY;
- Implemented a security system for monitoring source radiation based systems;
- Installed security cameras, access points, multi-vision switches.

Hardware: IBM, DELL, Servers RAID Controllers, Tape Units and Libraries, Varian, GULMAY, Philips, GE.

Operating systems: 2003, UNIX, Red Hat Enterprise Linux.

Applications: COREVUS, Double, Take, CA Bright Store ARC, Citrix Metaframe, Sybase 15.2, ARIA DB Infomaker 9.0, Eclipse, Intelrad imaging storage.

IBM-NBF, Montreal

October 2007 – October 2008

System Administrator

Air Canada, Novartis, EquiFax Accounts.

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- Installed and racked servers;
- Supported server remotely and on place;
- Had a very good knowledge of structure of servers racks and server rooms;
- Managed Network running on VmWare Infrastructure ESX 2 and 3;
- Migrated from NT4 Domain to Active directory 2003;
- Administrated Active Directory Servers based over 2003;
- Resolved security problems related to RSA, Token in AD, Sites synchronization;
- Installed and supported IIS;
- Supported and installed Double Take HA active/Passive Solution;
- Installed and administrated DHCP and DNS servers and services;
- Administrated the WIN server;
- Installed and supported SRM for Red Hat Linux, AIX and integrated with TIVOLI;
- Resolved problems with FTP running on AIX;
- Installed and supported CA Bright Store ARC server Red Hat Enterprise Linux and Windows, and did restores;
- Installed and supported Tivoli Storage Management (TSM) servers run on AIX and clients;
- Installed and supported print services and queues;
- Supported Exchange 5.5 and participated in migration to Exchange 2007 (passing via 2003);
- Restored mail boxes and created PST Achieves;
- Installed and supported SAN DS4700–DS80000;
- Installed and supported SRM capacity and performance monitoring software, TIVOLI, IBM Director;
- Installed and supported Cygwin and packages as SSH, Perl, Apache and e-t.;
- Installed security patches;
- Scheduled jobs on Cron and Control–M RedHat, Suse and AIX Skripting on Perl and PHP;
- Supported MSSQL DB;
- Supported Citrix Metaframe–Terminal Service;
- Supported and developed Panagon–FileNet – content management system;
- Supported and installed Sybase SQL;
- Installed tests and added functionality of SUN IDM 7.0;
- Supported and installed Apache and Tomcat over Linux;
- Prepared technical research and project status reports;
- Managed and migrated RAID 5, 1 and ten (10) arrays;
- Updated firmware of IBM Servers, RAID controllers, disks and tape units;
- Supported and resolved backup issues on CA BAS and RSM;
- Ticket Email systems: Remedy, Infoman, Impact, Lotus Notes (email & DB), Exchange.

Hardware: IBM Blade I, P, Z and X–Series, DELL, HP–Tandem, COMPAC, STRATUS servers, DAID Controllers, SAN 4000–8000 series, SANS switches, Tape Units and Libraries (optical and tape).

Operating systems: Windows NT4, 2000, 2003, 2008, Linux RHE 2–3–4, Suse, Novell 5.0, AIX.

Applications: VmWare, TIVOLI TSM–MS, SRM, IBM Director, Active Directory 2003, DHCP, DNS, Exchange 5.5–2003–2007, Control–M, IIS, Citrix Metaframe, Sybase 12.x–15.x, Oracle, MSSQL, Double Take, FTP, CA Bright Store ARC Serv, Panagon–FileNet, Apache and Tomcat, SUN IDM 7.0, Cygwin.

Portec Rail, Montreal

January 2006 – September 2007

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System and Network Administrator

- Installed and supported VmWare Infrastructure 2 and 3;
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- Monitored and balanced load OS running on VmWare Infrastructure;
- Managed and monitored guests OS (Windows and Red Hat Enterprise Linux);
- Load balanced VI and, if needed, moved Guest OS to another server;
- Installed and supported TIVOLI end points: SRM and IBM Director monitoring tools for Linux and Windows;
- Scheduled jobs on Cron and Control-M Scripting BASH, Perl and PHP Linux;
- Administrated Active Directory Servers based over 2003 and 2008;
- Resolved security problems related to RSA, Token in AD;
- Installed, supported and scripted writing for IIS;
- Administrated DHCP and DNS servers and auto identification;
- Administrated WIN server;
- Installed, supported, and monitored Veritas Net Backup service, and did restores;
- Installed and supported VPN SSL;
- Installed and supported Exchange 2003;
- Installed and supported Sendmail service for Red Hat Enterprise Linux;
- Installed and supported MSSQL enterprises DB cluster;
- Installed and supported Citrix Metaframe-Terminal Service;
- Installed and supported SSH for Red Hat Enterprise Linux and Windows Sygwin;
- Developed DB and administrated Sybase and Oracle 10 G. DB backup and restores, tuned performance, audited security, built some DB applications on WebLogic 9.2 and 10;
- Supported DB2 SQL server work with Websphere over AIX 5;
- Developed DB Client and DB administrative tools on C++ and Java;
- Supported switches and cables;
- Built and supported 802.11 WLANS;
- Installed and supported Linux routers using iptables and IP2 routing;
- Supported Sybase SQL server work with Apache Tomcat over Linux.

Hardware: IBM, DELL, HP and COMPAC servers, RAID Controllers, SAN, SANS switches, Tape Units and Libraries (optical and tape).

Operating systems: Win 2000, Win 2003, Win 2008, UNIX Solaris, AIX, Red Hat Enterprise Linux

Applications: VmWare, TIVOLI (TSM, MS), SRM, IBM Director, Active Directory 2008, DHCP, DNS, Exchange 2003, Control-M, IIS, Citrix Metaframe, Sybase 12.x-15.x, Oracle, Veritas NetBackup.

Ideas and Associates, Montreal

March 2005 - December 2005

Systems and Network Administrator

- Installed and supported VmWare Server on Linux and Windows 2000 OS;
- Created images and administrated clients operating systems running on VmWare;
- Monitored and balanced OS load running on VmWare server;
- Created Virtual Nets on VmWare server;
- Installed and racked a server;

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- Supported a server remotely and on place;
- Installed and maintained firewall – Linux iptables;
- Installed and maintained Cisco with OSPF, BGP, EGRP;
- Installed and maintained 802.11 WLANS;
- Installed and maintained Asterisk with T1 /E1 Digium PBX controller;
- Installed and maintained internal DNS server – bind;
- Installed and maintained internal DHCP server – Linux;
- Installed and maintained MOSIX Cluster for – NCBI blast;
- Administrated WWW servers – Linux Apache;
- Administrated WWW servers – Websphere and DB2;
- Installed and maintained Mail server of the company;
- Installed, maintained and updated mail server of company – Linux sendmail;
- Installed SSL Web interface to mail server – SquirrelMail;
- Installed and maintained POP3 server with SSL encryption with stunnel;
- Installed and maintained spam protection – SpamAssassin and SpamCop – Collaborative spam identification databases (DCC, Pyzor, Razor2);
- Installed and maintained antivirus protection – Clam AntiVirus;
- Installed and maintained fileserver of the company – Linux Samba and NFS:
- Access Control Lists (ACLs);
- NFS server – for UNIX clients;
- Samba, sharing the same folders for Windows clients;
- Samba as WINS and netbios cache only server to stabilize network browsing of Windows computers – Linux Samaba;
- Installed and maintained antivirus protection – Panda Antivirus for Linux;
- Archived on tape cartridges and on mirror file server;
- Installed and maintained NIS server for centralized authentication of all Windows and Linux clients;
- Authenticated Unix – native NIS;
- Authenticated Windows – pGina against NIS – replaced native Windows authentication;
- Installed multithread multiprocessor test server of the project – based on Slackware 10 and recompiled and reinstalled multithread nearly all system libraries and most important demons;
- Supported and monitored ITCAM integrated with SOA;
- Installed “Perl and C” compilers and libraries, database “MySQL” and web “Apache” system for company;
- Scheduled jobs on Cron and Control-M;
- Installed and monitored Veritas NetBackup and Backupexec;
- Edited, compiled and installed programs "C C++" for the company on Linux and Solaris";
- Troubleshoot and updated company’s software;
- Installed and maintained user stations and all appropriate tasks related to the installation and maintenance of cable systems;
- Prepared and regularly updated technical documentation and reports;
- Updated inventory.

Operating Systems Linux – Slackware, Solaris, AIX, Windows XXX Servers NIS, NFS, Samba, Sendmail, POP3, IMAP, Apache–Tomcat, Websphere, MySQL, DNS – bind, DHCP – Linux. MOSIX cluster, WINS – Samba, System Software iptables, Snort, Acid, Webmin, pGina, MOSIX, SquirrelMail.

[I Soft,](#)

2003 – 2004

Programmer

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NOVIPRO ■ ■ ■

- Developed software of COM orientated modules for CAD/CAM system. (The module made approximation among points of three (3) dimensional space using methods of characteristic graph and the les closeness.)

Development environment: Microsoft visual studio 6.0, .NET

University Hospital

2002 – 2004

Engineer of Medical Department

- Supported electroencephalographs, electrocardiographs, patient monitors, defibrillators, artificial respiration systems, electro coagulators;
 - Supported physiotherapy invasive systems (working principle–electrolyze);
 - Supported medical imaging systems produced by Siemens;
 - Supported radio therapy system working with radioactive cobalt;
 - Ensured all administrative tasks, such as administration and maintenance of servers on Linux, Win 2000 server;
 - Assigned and changed user accounts and user rights;
 - Kept track of security problems and searched eventual security holes;
 - Administered the Intranet Windows domain, DNS and mail servers;
 - Administered firewall, on Free BSD;
 - Installed the corporate X Server;
 - Administered WWW servers on Apache and Free BSD;
 - Troubleshoot office software;
 - Installed and maintained user stations and all appropriate tasks related to the installation and maintenance of cable systems;
 - Managed system access cards to the building and the alarm system;
 - Prepared technical research and project status reports;
 - Updated inventory.
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State Savings Bank

2000 – 2002

Systems and Network Administrator, Programmer

- Analyzed user requirements, designed and developed architecture specifications, provided solutions to the management of the bank;
 - Planned, installed and maintained the hardware and software;
 - Defined and implemented strategies of the bank's network security system;
 - Investigated the network security system;
 - Installed and maintained user stations and all appropriate tasks related to the installation and maintenance of cable systems;
 - Built and maintained the intranet firm connecting central office and branches;
 - Installed and maintained the Web and mail intranet servers of the bank;
 - Installed and maintained Novell NetWare5.0, WIN_NT 4.0, WIN2000, Linux and NSKSA-HP;
 - Maintained and updated databases on BTRIEVE, and MySQL as well as some non-standard databases using applications in the C and C++ programming language, TACL;
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- Accomplished all appropriate tasks involved in the preparation for dealing with the Y2K problem—upgraded the BIOS system, firm software and all relevant Y2K test;
- Ensured the stability and integrity of data transfers between central office and branches.

Hardware: IBM I, P, Z and X-Series, DELL, HP-Tandem, COMPAC, Mainframe, DAID Controllers, SAN, SANS switches, Tape Units and Libraries (Optical and Tape).

Intel Soft Inc.

2000 – 2003

Programmer

- Developed software routing modules (TCP/IP) for Linux. (The two (2) were for socket copy and module for socket translation wit masquerading.)

Development environment: GCC, MC, C Builder.

Medical Laboratory, Polytechnic University

1997 – 2000

Programmer

- Programmed programs for digital processing of biological signals;
- Created drivers in ASEMBLER forM-6800 and I 80-186, for the electronic laboratory of Polytechnic University;
- Developed programs for mathematical modelling of detectors for cancer's cells for core-nuclear scanners.

Spoken and Written Languages

French: good.

English: excellent.