

# Sergiusz Stempel

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## Personal data

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Work Eligibility: U.S. permanent resident (a Green Card holder).

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## Highlights of Qualifications

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- Proven and successful experience with merging Open Source and Proprietary technologies.
- Over 10 years of experience in Unix and Linux System Administration.
- Over 10 year of experience in database programming.
- Strong knowledge of LDAP, Active Directory and Kerberos authentication.
- 2 years experience in VMware virtualization.
- 8 years experience in Network Administration.
- 8 years experience in Oracle Database Administration.
- 4 years experience in development of Enterprise Resource Planning (ERP) systems.

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## Achievements

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- Design and deployment of a highly available colocation site.
- Successful recovery of the main ERP system in 24 hours after hitting by hurricane Wilma.
- Design and implementation of a single password authentication based on a LDAP service ([Fedora Directory Server](#)) in a heterogeneous network build of MS Windows (XP and 2000), Linux (CentOS and Fedora) and Solaris (version 9 and 10) machines.
- Deployment of a corporate email system based on Cyrus IMAP server and Mozilla Thunderbird + Lightning clients.
- Successful implementation and consecutive upgrades of Lawson ERP system.
- Upgrade of Oracle database from version Oracle 8i through 9i to 10g.
- Participation as a developer in [AirMail Center Frankfurt \(ACE\)](#) project.

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## Professional skills

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### Operating systems administration

RedHat (ver. 4 and 5), CentOS (ver. 4 and 5), Ubuntu (ver. 8), Solaris (ver. 8, 9 and 10) including Sun Cluster 3.1, VMware Infrastructure ESX (ver. 3 and 3.5), VMware Workstation (ver. 6), MS Windows 2000, XP, Vista. MS Windows Server NT4.0, 2000 and 2003.

### Services

WWW (Apache, Tomcat, IIS), DNS (Bind), IMAP (Cyrus), POP3, SMTP (Postfix, Sendmail), SNMP, SMB, NFS, LDAP (RDS, FDS, AD), NIS, Proxy (Squid), volume management (LVM, SVM, ZFS).

### Programming languages

Perl, Sed, Awk, C shell, Bourne shell, SQL, Java, HTML, PL/SQL, Unix C/C++, E/SQL.

### Databases

Oracle (version 9i and 10g) and MySQL (version 4). DBA and database programmer. Database installation, design, analysis, normalization and tuning. Programming in Oracle PL/SQL, Oracle Pro\*C, Informix SQL, CA Ingress ESQL/C, Ingress 4GL.

### Network administration

- LAN: gigabit (copper and fiber optic), VLAN, Metro-Ethernet, WLAN.
- WAN: Frame Relay, T1, ATM, DSL, SAT, GPRS/EDGE/3G, IPSec, VPN, OSPF, BGP, NHRP.

### Hardware

- Servers: Sun Fire, Sun Ultra-Enterprise, Sun Blade, Sun Ultra, HP 9000, HP NetServer, Compaq Proliant, Compaq-Tandem NonStop.
- Storage: Brocade and Sun switches, Sun Storage Arrays (6140, A5200, A1000), HP DLT tape drives.
- Network equipment: Cisco Routers, Cisco Catalyst, Cisco ASA, HP ProCurve, 3COM Superstack, Linksys SOHO (switches, routers and wireless), Symbol wireless access points and terminals.

## Professional Experience

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### October 1999 – present

*[Town & Country Industries, Inc. Fort Lauderdale, FL, USA](#)–acquired by [ABC Supply Co. Inc, Beloit, WI, USA](#)*

IT Manager/ System Administrator

- Oversee company's IT department including projects management, software development, hardware and software procurement.
- Perform Linux and Unix system administration on all company's systems.
- Deployment and maintenance of VMware infrastructure ESX servers.
- Design and execution of a vital company systems' migration to a data center.
- Setup and maintenance SAN fiber channel fabric based on Brocade and Sun products.
- Perform Oracle and MySQL database administration.
- Management of the company local and wide area networks.
- Implementation of [Lawson Business Management System](#).
- Implementation and supervision of a Lawson upgrade process from ver.7.0.8 through ver.7.2.4 to ver.8.0.3.
- Upgrade of Lawson database backend from Oracle 8i through 9i to 10g.
- Design, development and maintenance of Intranet extensions and system customizations to Lawson system coded in Perl and CGI.pm.
- Deployment of the [Datex](#) Warehouse Management System (a barcode scanning inventory system).

### May 1999 – September 1999

*[Saville System, Edmonton, Canada; Europe Division - Galway, Ireland](#)–acquired by [ADC, Minnetonka, MN, USA](#)*

Software Developer. Involved in customization of Convergent Telecommunication Billing System (redesigning, tuning and implementation). Used Oracle tools (Designer2000, PL/SQL) Perl, Awk and Sed. Responsible for interface between General Ledger module and SAP R/3 system.

### July 1995 – April 1999

*[Quantum Software S.A., Kraków, Poland](#) and [Quantum GmbH, Dortmund, Germany](#)*

Senior Programmer. Project [Motex2000](#) – a warehouse's storing and distribution system. Designed and wrote in Oracle tools (Designer2000, PL/SQL, Pro\*C). Responsible for interface to the customer's systems, based on IBM MQSeries. Involved in designing and implementation PL/SQL and C code DDL generators.

Senior Programmer. [AirMail Center Frankfurt \(ACF\)](#) - an airmails' sorting and distribution system. Developed in Oracle PL/SQL and Pro\*C, designed in S-Designer. Exposed to the full project life cycle including tuning and maintenance. Responsible for the dispatcher process, a communication program between ACF system modules and Frankfurt Airport 's systems via TCP/IP and IPC. Specialized in synchronization of concurrent processes.

Programmer. European Distribution System Management (EDSM) for 3M Corporation divisions France and Italy in CA Ingres database system. Responsible for transport subsystem module - freight costs calculation.

## Education and Certificates

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### M.Sc.

Computer Science Department at [AGH University of Science and Technology](#), Kraków, Poland. Master thesis: "WWW interface in Java to the polish language dictionary database". The project included, designing and coding interface in Sun JDK, inventing a query language to the dictionary database, designing and implementation translator of the query language to SQL in LEX & YACC, designing and coding CGI program in Oracle Pro\*C for receiving queries and producing answers.

### RedHat Certified Engineer – RHCE Red Hat Enterprise Linux 3

Certificate Number: [803004842210723](#)

### RedHat Certified Technician – RHCT Red Hat Enterprise Linux 5

Certificate Number: [605007367515924](#)

### Sun Cluster 3.1 Administration ([ES-338](#)) training

### Cisco Certified Network Associate – CCNA

Certificate Number: 386484726108DNCG ([Cisco Certification Fulfillment Tracking and Reporting](#)).