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#### Senior Lawson Developer - Cendien - Lawson Experts

#### **Lawson Professional Services**

Lawson Administrator, Oracle DBA and UNIX Administrator skilled in analysis, design, development and customization of all areas in Lawson including programming. More than 18 years of experience in business related data processing within UNIX, NT, and IBM MVS mainframe environments. Lawson Application expertise includes HR/PR/BN, GL/AP/AM, PO/IC/MM/RQ. Non Lawson areas include Property & Causality (Billing and Receivables), Annuity, and Life Insurance.

I have been working with Lawson for 10 years in the following subsystems: HR/PR/BN/AC/AM/AP/GL/IF/PO/IC/MM/RQ/WH plus ESS RSS mostly technical but I am also well versed in how Lawson operates. I also have been performing all Oracle 7/8/9.i/10.g DBA duties plus all UNIX AIX 5.2 and HPUX 11.0 duties. My experience also includes writing interfaces for Lawson. I am currently employed at IASIS Healthcare very knowledgeable of the Healthcare industry as it pertains to Lawson.

#### **Lawson Technical Skills**

Lawson Software N-tier Compliant
Oracle 8i/9i DBA Oracle PL/SQL Oracle Upgrades/installs
Lawson Upgrades 7.x/8.x Portal/IOS/Apache/Tomcat/
Design Studio Lawson Administrator, Security, Programming Analyst and Business Analyst
Lawson Add ins, Excel, Toad and SQL reporting
AIX and HPUX administrator EMC and IBM disk arrays COBOL/4GL programmer
AIX UBD 7.2 Informix 7 Microsoft 2000
IBM Mainframe MVS/TSO/JCL/CICS/VM MVS DB2/IMS

Excel/Access/Word Lotus notes Linux
MHC documents GHX EMC arrays/IBM Fast T600
HP-UX 10.2/11x AIX 5.2/4.3 IOS 8.03/Portal
MVS/DB2 Oracle 8.I/9.I/10.g PL/SQL/DBA Lawson Design Studio
INFORMIX 7 Windows 95/98/2000/XP Tivoli BA client/OmniBack
Knowledgeware Endeavor NT 3.51, NT 4.0,N.T.5.0,2000,XP
TSO/ISPF MVS/OS Gupta/SQL-Windows
BASIC CICS IDS/2
Progress IMS JCL
Panvalet VM/CMS AIX UDB 7.2
Hardware

HP 9000 D/K/L/N IBM Mainframes Personal Computers Honeywell IBM/RS6000 P650/P630, F50 Intel based servers



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### Lawson Clients / Experience

# Healthcare Client Lawson Administrator,

Oracle DBA, UNIX administrator and Programmer Analyst.

UNIX duties included OS installs, disaster recovery, EMC raid array creation, FastT600 array creation, Volume group creation, logical volumes, file systems, HPUX kernel tuning, security, Apache 1.3 and 2.054 install, tomcat 4.06 and 4.1 install on both HPUX 11.0 and AIX 5.2 systems. DBA for five lawson/Oracle instances at 150 GB each, plus two Logan instances and two Tax Factory instances. DBA duties include backups and restores, instance creations, refreshes, maintenance and tuning.

Lawson Administrator duties - Completely responsible for the Lawson technical install/upgrade from 7.2 to 8.03 including the apache/tomcat install, IOS/Portal, Self Services applications and the data upgrade of the following subsystems HR/PR/BN/TA/GL/IF/AP/AM/PO/IC/MM/RQ – running all upgrade programs. Also responsible for administration of ten Lawson productlines including productline creation, applying CTP'S and MSP's, tuning and security. Also responsible for BSI installs and upgrades. Other duties include Lawson custom enhancements and custom UNIX scripting, SQL and PL/SQL custom reports and Lawson Microsoft Addins reports, GHX, EDI and McKesson interfaces.

### **Software Client**

#### Oracle DBA/Lawson DBA/UNIX Admin

Remote and onsite consulting.

Perform Lawson and Oracle upgrades, Oracle and PL/SQL scripting. Other duties included UNIX scripting, Lawson Admin and Lawson COBOL programming.

### Investment Client Lawson Consultant

Created Lawson UNIX environment to test converting Informix 7.1 to UDB 7.x. Created custom UNIX scripts to unload Informix, scrub data, and load UBD thru named pipes. Converted four databases in a test environment using UNIX scripts and Informix unload command and UDB load command. Continued test on 220 gigabytes of data for benchmarks.

#### **Software Client**

# Oracle DBA/UNIX Administrator/Lawson Administrator/programmer

Assist clients with Lawson program bugs, upgrade issues, Lawson administration, Oracle, Informix, SQL-Server DBA issues and remote DBA support on UNIX and NT platforms. In house support for Netscape 3.0 web server (Aix 4.3) and IIs on NT, SQL-server and Oracle databases.



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# Health Care Client Oracle/Lawson Consultant

Created three Oracle instances, each 120 GBUpgrade Lawson UNIX environment to 7.3.3 and Lawson applications from 7.0.8 to Lawson 7.2.3. Converting and re-populated instances from Lawson 7.0.8 data models to 7.2.3 including GL, AP, AM, and HR/PR/BN subsystems. End user support for QA acceptance testing.

# Health Care Client Oracle / Lawson Consultant

Supported multiple Oracle 8.i , 200 GB instances running on HP9000 N-class servers. Also was the lead Lawson administrator. Other duties; upgrades Lawson web server application and end user support.

### Manufacturing Client Lawson Consultant

Upgrade Lawson 7.12 to 7.24 including HR/PR and all of financials. Phase I upgrade test. Benchmark time needed to completion. Lawson tools failed necessary benchmarks. To increase speed of upgrade PL/SQL scripts were written to Increase the reorganization speed of larger tables. Speeds were increase from 200 – 1000%. Phase II Upgrade Production over the weekend. End user support for QA acceptance testing.

#### Manufacturing Client Lawson Consultant

Assignment for a packaging manufacturing company: Create two new Lawson UNIX environments and three 8.i Oracle instances of 60 gig in size, Upgrade Lawson UNIX environment from 7.0.8 to 7.2.3. Repopulate new 8.i Oracle instances with Oracle 7.4 Oracle data.

# Health Care Client Lawson/ Oracle Client

Assignment: Upgrade OS from AIX 4.2 to AIX 4.3.3 Install Oracle 8.1.6. Repopulate two 100 gig Oracle databases. Upgrade Lawson UNIX environment to 7.3.3 and Lawson applications (AP, AM, GL, and HR/PR) 7.0.8/7.1.2 to 7.3.4. End user support for QA acceptance testing. On call remote support from Austin office.



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### Communications Client Lawson Consultant

Assignment: analyze why Lawson NT was performing poorly when api calls to the IIs web server. Created three Lawson application productlines and three SQL-Server databases. Each on a different NT-server's (2-way, 4way and 8-way). All had 733 MHz xeon processors. Lawson appeared to run faster the less processor's NT had. SQL-server was on its own server.

Tools: NT advanced server, SQL Server.

### Health Care Client Lawson Consultant

Assignment: For a Healthcare consulting company: Convert Lawson on a NT Compaq Pro-reliant 4-way running SQL-Server to a HP9000/HP11.x N-class server with an external EMC disk array attached to Oracle 8.i The HP9000 and had safeguard installed and a mirrored HP9000 attached HP9000 N-class in case of failure of the server. Responsible for installing Lawson 7.3.3 UNIX environment, 7.0.8 applications, Micro-focus COBOL and Oracle 8.1.6 binaries on N-class server. Creating multiple 120 gig Oracle instances. Populating Oracle instances with SQL-server data obtained from the SQL-server databases . Also moved over all COBOL programs, menus and security. Recompiled all COBOL programs.

# Health Care Client Lawson/ Oracle Consultant

Assignment: For a new hospital starting from scratch, connected loaner HP 9000 D-class server an old but existing network. Installed Oracle 8.i and Lawson 7.3.3 UNIX environment and 7.2.4 applications on D-class server. Created three Lawson application productlines (test, QA, production) and three Oracle instances to begin implantation.

Responsible for all network connections, workstations, workstation software, Oracle DBA support, UNIX admin support, Lawson Admin support and Lawson technical PROGRAMMING support and end user support for onsite business analyst..

Also created interface and load programs. When HP9000 N-class server became available move data from D-class to N-class server and supported N-class server.

# Oil Producer Client Lawson Consultant

Assignment: Upgrade Lawson applications from 7.0.8 to 7.2.3., Upgrade Oracle 8.0.5 database's to 8.i by exporting and re-imported data, return in 1 week and user testing and repeat procedure on Production system. End user support for QA acceptance testing.



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# Health Care Client Lawson / Oracle Consultant

24/7 Oracle 8.1.6 DBA support (Dial up support). Responsible for multiple Oracle instances on three HP9000 K class servers. Lawson/UNIX technical support.

#### **Health Care Client**

**Lawson / Oracle Consultant** 

Assignment: Setup Three Oracle instances and upgrade Lawson version 7.0.8 to Lawson 7.2.3 on a Compaq Tru-64 for a large Hospital chain.

Created new volume groups on raid 5 disk array. Created two 12 gig Oracle instances.

Populating all instances with Lawson data, converting database from Lawson 7.0.8 to 7.2.3 including GL, IC, PO and HR/PR note data model's had changed..

#### **Retail Client**

**Lawson / Oracle Consultant** 

Assignment: Setup and upgrade of Lawson applications 7.5 to version 7.9 Mapped Oracle 8.i data to new scheme using Oracle PL/SQL scripts when Lawson tools failed.

# **Real Estate Client**

**Lawson Consultant** 

Assignment: Conversion of Lawson 6.1 applications on HP9000 with Sybase(30 gig) database Lawson version 6.14 running Sybase system. The Sybase database was dropped and recreated to accommodate new scheme. All stored procedures (36,000) were recreated for the new version.

#### **Health Care Client**

**Lawson / Oracle Consultant** 

Assignment: Upgrade of Lawson 7.0.8 UNIX environment, 7.0.5 applications to Lawson 7.3.3 environment, 7.2.4 applications. Created two Lawson productlines on different Lawson environment and two 60 gig Oracle instances. Converted Lawson data. Populating new Oracle instances. End user support for QA acceptance testing and problem resolution.

provided administration support so Responsible for performance tuning Lawson Support oracle DBA support orac



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#### **Health Care Client**

#### **Lawson / Oracle Consultant**

Conversion from LADB (ISAM database) to Oracle 8.0.5. Provide fulltime Oracle DBA support Fulltime Oracle DBA, UNIX administrator and Lawson Administration.

Created a custom version of Lawson's LP160 (check printing program)

Created numerous PL/SQL data load and interfaces programs.

Other duties included, minor changed to Lawson COBOL programs and Crystal reports ah-hoc quires. End user support for all Lawson related applications, including Unix issues, Oracle and Crystal reports..

#### **Manufacturing Client**

#### **Lawson Technical Consultant**

On UNIX Subsequent system created a custom version of Lawson's LP160 (check printing program) . Created interface connecting Lawson's General Ledger system to legacy AS400 system using Informix stored procedures and database triggers.

Provided Lawson administration support

#### Media Client

### **Lawson Oracle Database Administrator**

Onsite full-time DBA, responsible for two 30 gig Oracle<sub>Φ</sub> instances. Lawson administration support<sub>Φ</sub> Lawson technical PROGRAMMING<sub>Φ</sub> support

Oracle 8.x DBA<sub>ω</sub>

Environment: Two HP 9000 K-class, Lawson<sub>®</sub> 7.1.2, Hp10.2

#### **Health Care Client**

#### **Lawson Technical Consultant**

Implementation of the full<sub>ω</sub> suite of Lawson HR/Payroll products.

Wrote payroll interfaces. π

Created custom scripts to verify version control of Lawson programs between production, QA, and Test.

Extracted data from legacy system to Lawson Payroll. π

w Extracted data from Lawson Payroll to a third party system.

<sup>π</sup> Responsibilities included data mapping between systems, coding, and testing.

Tools: Lawson 4GL, INFORMIX 7<sub>Φ</sub>

Borders Books, Ann Arbor MI 1.5 year project): Technical Consultant for a nationwide book retailer.



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та Responsible for interfaces from legacy system(AS/400 and ES9000) to Lawson system.

Oracle PL/SQL programming and SQL ah-hoc queries to

Lawson<sub>Φ</sub> Programming including performance enhancements

UNIX scripting<sub>ω</sub>

Lawson<sub>ω</sub> Upgrades

End user support $\varpi$ 

Performance monitoring of Oracle queries and<sub>ω</sub> Lawson programs

Created custom Unix scripts for file system monitoring

Created custom Unix scripts for Lawson versioning and archiving of printed<sub>ω</sub> reports.

# Software Insurance Client Senior Programmer/Analyst

3R project, Aided in the development of a client/server based system designed to provide real time quotations for personal and commercial automotive insurance requests, including, IBM-MVS-mainframe, JCL, CICS, DB2, IMS, Oracle and COBOL PROGRAMMING.

Performed custom PROGRAMMING on an insurance system (Vantage I) written in COBOL with a VSAM database.

# Financial Group Client Developer

Created and modified C.C.A – (MVS/IMS/DB2 COBOL insurance system) programs and SQL access routines for IMS database.

Development center projects:

COGEN - System programmer on a property and causality system written in MVS COBOL connected to DB2 database.

Advanced development C.C.A II - (C.C.A. - Client Contract Administration -

Life insurance system fully adaptable to any dialogue and database on the

market) upgrade a 30 million lines of code insurance system written in

COBOL with an IMS database with CICS DMS screens. The database was changed to DB2, the CICS screens where changed, using COGEN's terminal screen system only for demonstration, IPO were created as interfaces to all online function manager to allow any dialogue including MS-windows based screens to display data. The same was done for batch programs. Performance enchantments were added, including muti-threaded batch programs.

Product Support for C.C.A. Product support to the above system.

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### **Manufacturing Client**

#### **UNIX System Administrator/Data Processing Manager**

(Hardware consisted of two ALTOS super micros networked together running under UNIX)

- Maintained and enhanced MCBA accounting system (MCBA - RMCOBOL accounting system with an ISAM database, running under UNIX)
- Designed an inventory control system written in Progress(4GL, RDBMS)
- Performed system maintenance in UNIX(BSD-5 and XENIX(Altos-386 and
- Altos-286)
- Software support for end users
- · Purchased all hardware and software
- · Installed all hardware and software

# **Lawson Education / Certifications**

B.A. Computer Information Systems, Stephen F. Austin State University, Nacogdoches, TX

Lawson Certification/Training
Lawson GL/AP/AM/PO/IC/MM/HR/PR/BN 8.x Differences ,
Lawson 8.03 application upgrade,
Lawson 8.03 IOS/Portal/RMI install,
Lawson Databases,
Lawson 4GL,
Lawson GL training,

Oracle certification training classes.



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