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## SUMMARY

- Solid Oracle database and RAC knowledge with over 15 years of working experience
- Excellent database architecture knowledge with 7 years of hands on project experience
- Experience in database design, database and application performance tuning and system integrations
- Rich industry domain knowledge including financial industry, logistic, software, manufacture, start-ups, government, telecommunication, etc.
- Over 5 years of team management experience
- Proficient problem solving and analysis skills
- Works efficiently under pressure and is able to meet tight project deadlines
- Team oriented with strong communication skills

## PROFESSIONAL EXPERIENCE

### **Ingenuity System March 2012 - Present**

*Senior Oracle Database Administrator*

**Ingenuity system is leading provider of information and analysis solutions for life science researchers, computational biologists and bioinformaticists, and life science industry suppliers.**

Production support of Oracle RAC databases 10g and 11g, which including 24/7 support, performance troubleshooting, backup and recovery, software patching and upgrades, metrics gathering and reporting, monitoring, in-house software releases.

- Perform daily Oracle database administration tasks.
- Ensure optimal performance and high availability for databases in 24x7 operations to meet or exceed service metrics.
- Working closely with development team, design database, SQL tuning and deployment application to production environment
- Database Migration Planning 10g to 11g
- Database Storage Migration (EMC CX to EMC VNX)
- Backup recovery and disaster planning by using Oracle Data Guard (Active/Standby) to meet SLA
- Database consolidation planning.
- Installation and configuration of Oracle Enterprise Manager 12c
- Participating Data Warehouse overview, re-design, architecture changes and recommendations.
- Initiating database change management process and approval process.
- Quarterly database replication from production to QA and engineering environment.
- Deploying packages (PL/SQL) as requirement for ongoing projects and/or fixing existing products and applications
- Evaluate and recommendation for new technology

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## **Atmel Corporation March 2011 – March 2012**

*Senior Database Administrator*

**Atmel Corporation (Nasdaq: ATML) is a worldwide leader in the design and manufacture of microcontrollers.**

Production support of Oracle databases from 8i to 11g, which including outage, performance troubleshooting, backup and recovery, software patching and upgrades, metrics gathering and reporting, monitoring and manage database users and associated security.

- Perform Oracle database administration and support for Klarity ACE, Spotfire, camLine SPACE, Expdb2, and other custom applications or new projects in support of manufacturing systems.
- Perform Oracle database administration and support for SAP, CRM/ModelN and other custom applications or new projects in support of Business Applications.
- Perform MS SQL Server database administration and support for Sharepoint.
- Perform database administration and support for other databases as needed.
- Perform database installation, patch updates and release upgrades. Assist with migrations.
- Ensure optimal performance and high availability for databases in high volume 24x7 operations to meet or exceed service metrics.
- Develop database monitoring and reporting tools.
- Develop and implement high-availability using RAC, Data Guard and disaster recovery strategies. Create procedures and implement periodic testing of the strategies.
- Set up and maintain effective backup, restore and verification procedures for databases.
- Develop and implement operational support plans and procedures for database systems.
- Identify problem trends and implement corrective actions. Develop proactive alerts.
- Participate in audit processes as required and assure compliance to audit controls.
- Develop automation procedure of quarterly database refresh for Development and QA environments.
- Consolidate databases and migrate/upgrade database to 11g and maintain backward compatibility of legacy systems.

## **COPART Corporation, Oct 2010- March 2011**

*Lead Database Developer*

**Copart (Nasdaq: CPRT) is the leader in online auto auction**

- Collaborate on application architecture and design within and between engineering teams.
- Develop applications, review code, and document solutions within a structured development environment.
- Re-design C2 online auction database to streamline the process.
- Developed internal SQL best practice document
- Mentor internal staff on SQL and database design best practice.
- Covert DB2 procedures to Oracle PL/SQL

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## **mBLOX INC., May 2007- Oct 2010**

*Senior Database Lead*

### ***mBlox is the world's largest mobile transaction network***

General management of Oracle10g RAC and Postgres database (replication), which includes outage, performance troubleshooting, backup and recovery, software patching and upgrades, metrics gathering and reporting, monitoring and manage database users and associated security.

- Initiating/Implement daily communication/handover between globally members of database team.
- Review and troubleshooting database schema design given recommendation to data architect on purposed designed changes
- Recommendation and design real-time reporting structure.
- Design and implementing backup/restore solution.
- Develop and implementing ETL for reporting and billing process recovery.
- Database/Application Performance Tuning (Database, PL/SQL)
- Evaluate and recommendation for new technology.
- Established and implementation of software release management process between development and production databases team.
- Design/Implement database audit process/procedure and security policy.
- Implement and set out clear guideline and monitor indicator which allow monitoring/alert responsibility to NMC (network management center based in Singapore).
- Deploying packages as requirement for ongoing projects and/or fixing existing products and applications
- Maintaining and monitoring the scheduled events occur on the various databases.
- Growth and capacity planning to keeping management and the various stakeholder informed of impending resource increase (storage, processing power, etc)
- Informing, educating, and updating all application users and stakeholders when outage occurred or when planned maintenance will part or all services unavailable.
- Design Performance tuning and troubleshoot Business Object Report.
- Performing ad hoc report queries based on requests from the business.
- Install, patch upgrade database.

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**INFO CONNECT, INC., 1997- 2007**  
**Consulting and Development Projects:**

**SupplyPoint Inc., San Jose, California**

*Database Architect*

**Wells Fargo – Auto Finance Group, Systems Division, San Jose, California**

Senior System Analyst responsible to design and implement Auto Finance System (SHAW System) for Wells Fargo Bank.

**City of Toronto – Real Estates Department, Toronto, Ontario, Canada**

Analyst/Senior software architect responsible to migrating data for amalgamated real estates department for City of Toronto. Merge real estate database with facility database (SPAN-FM).

**Canadian Swiss Reinsurance Information System (CRIS) , Toronto, Ontario, Canada**

Lead developer responsible for SQLWindows/Centura design and development project on Accounting System module for Swiss Reinsurance Company using ORACLE database. To integrate accounting system with other reinsurance system modules (Treaty, Facultative, and Claims), and develop of Retro Modules to replace current catalog system. Design and implement user interface and database design according to user requirements. Integrating of Lotus Notes Documentation and e-mail system, develop class library, which is extension of standard class library.

**Asia Projects (China, Taiwan, Vietnam)**

- Assists client to fulfill CMMI level 2 requirements
- Define and Implement SLA and OLA
- Actively involved in all strategic application development projects.
- Implement and Design network infrastructure for Application Service Provider
- Design and Implement data subscription and exchange schema for Application Service Provider
- Design and Implement application and data security to fulfill internal and different subscriber's requirement for SOA environment
- Mentor and train DBA staffs
- Assists organizations to migrate Oracle database and E-Business
- Oracle database and E-Business remote monitor, performance tuning and problem solving and training for organizations (enterprise and non-profit) and local government
- Database consolidation
- Project management and system integration design
- Provide senior technical leadership to the database designer, DBA and programming team for local system integrators
- Guide the development and implementation of standards for data object naming, database design and procedures
- Partner with the project manager to identify and resolve project issues

**THE CLIENT SERVER FACTORY, Toronto, Ontario, 1994-1997**

**ADVANCED SYSTEM INTEGRATION, Ottawa, Ontario, 1993-1994**

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## **TRAINING INSTRUCTOR**

**River of Live Foundation, San Jose, California**

SQL Language instructor

**Shin Shin Training Center, San Jose, California**

Instructor for Oracle Database, Data Warehouse, Data Mart, Data Mining and Oracle ERP (General Ledger).

**Willis Business College, Ottawa, Ontario**

Teacher Assistance.

Instructor for Pascal, C, C++, Oracle Database.

**PCSchool, Taiwan**

Instructor for Oracle Database Administration

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## EDUCATION

**University of Iowa**, Iowa City, Iowa

- B. S. in Computer Mathematics.

**Willis Business College**, Ottawa, Ontario.

- Diploma program in Software Development & Programming Analysis.

**Edgemont High School**, Scarsdale, New York

## CERTIFICATIONS

- Oracle 8, Oracle 8i, Oracle 9i, Oracle 10g
- Introduction to CMMI-Dev 1.2

## TECHNICAL SKILLS

### Programming Languages:

ORACLE Case Tools, Centura Team Developer 1.x, 2000, SQLWindows 4.x, 5.x, Centura Builder 1.x, Microsoft Visual C++, Borland C++ 3.x, 4.x with Database Tools, Microsoft Visual Basic, Pascal, FORTRAN 77, Assembler Language, PowerBuilder, C Database Development, Microsoft SQL Server Development Tool for DOS, Windows, NT, OOP Technique, QA Partner, ODBC, PL/SQL, Delphi, Visual Test, Java, .NET, Shell, Perl

### Database Client/Server:

ORACLE 6, 7, 8i, 9i & 10g, Postgres, SQL Plus, SQL Forms, SQL MENU, SQLPLUS Reports, SQL Navigator, MySQL, Sysbase 4.x & System 10, MS SQL Server, DB2, DB2 for OS/2, GUPTA SQLBase 5.x & 6.x, Informix, InfoMaker, Data Junction, Gupta Quest, Database Report Writer, IMPROMPTU2 & 3.

### Software Application

Business Object Reporting, Oracle Migration Workbench, Oracle Warehouse Builder, ERWin., Crystal Clear, Crystal Report, Microsoft Office 4.x, 95 & 97, Corel Draw 4.x & 5.x, Access, Paradox, dBASE.

## INTERESTS

Outdoor activities, sports, computer, movie, reading, community services