ORACLE® Certified Professional   **A** | **ORACLE®** ACE Director   **ORACLE** Certified Specialist

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Summary

Experienced Oracle Database technologist with 40+ years of experience in information engineering across a wide range of industries, databases, and application environments. Experienced project leader with excellent written and verbal communication and organizational skills, especially good at rescuing that impossible project.

Qualifications

Databases Oracle (23*ai*, 19*c*, 18*c*, 12*c*, 11*g*, 10*g*, 9*i*, 8*i*)

Management Skills Extensive interaction with analysts, developers, and users during design, development, deployment, and support of databases and related applications. Excellent verbal and written English communication skills are complimented by excellent organizational skills for project, task and resource management.

Business Expertise Industry experience includes systems supporting banking, education, finance, insurance, manufacturing, marketing, membership, payroll, personnel, sales force administration, telecommunications, and teleconferencing.

Professional Experience

Zero Defect Computing, Inc.   Bartlett, IL   April 1993 – Present
As *independent contractor* representing various Oracle Gold and Platinum partners and their sales organizations in the US, performed pre- and post-sales advisory roles to assist in wider acceptance of Oracle Database technology and Oracle Public/Private/Hybrid Cloud. Also assisted technical recruiting organizations to evaluate and intercept non-qualified candidates for crucial Oracle technology-related positions.

Viscosity North America   Dallas, TX   March 2019 – May 2020
As *Senior Enterprise Data Architect* for one of the Oracle's largest Platinum Partners in North America
- Provided "tip of the spear" sales support for salespeople as they engaged new and existing customers to scope out key projects
- Built and presented source material for use in webinars on Oracle Machine Learning (OML) and Oracle Analytic Cloud (OAC). Attendees included Oracle salespeople as well as potential Oracle customers; short videos explaining OML and exemplifying OAC also made available post-webinar on YouTube
- Led efforts to beta-test Oracle Autonomous Transaction Processing (ATP) database features, including first-ever development and deployment of TPC-E schema, data, and hybrid workload generation via SwingBench
- Produced two white papers and a short video detailing the impact of the new Automatic Indexing features on OLTP application workloads, as well as how best to leverage ATP Dedicated ADB environments for OCI-based workloads
- Attended, presented at, and keynoted Oracle User Group conventions and events across the US to expand Viscosity's brand recognition as one of the prime NA Oracle Platinum Partners for Oracle Database technology, especially Autonomous Database (ADB) and Oracle Cloud Infrastructure (OCI). Events included COLLABORATE19, KSCOPE19, GLOC19, NCOAUG19, ECO19, and various smaller Oracle User Groups across North America
- Engaged in hands-on database application performance tuning exercises with internal clients

OnX Enterprise Solutions LLC   Lisle, IL   August 2015 – April 2017
As *Strategic Solutions Architect* for one of the Oracle's largest Platinum Partners in North America:
- Provided "tip of the spear" sales support for Account Executives and Solution Architects for major projects in vertical and horizontal sales organization across the US
- Spoke at numerous Oracle User Group conventions and events across the US to expand OnX's brand recognition as the "go-to" Oracle Platinum Partner for Oracle Database technology in North America
- Constructed sales collateral

- Led OnX's beta-testing efforts during evaluation of Oracle Database Release 12cR2, working closely with Oracle Corporation development staff and product managers to drive successful acceptance testing of that database release
- Conducted numerous customer-facing training sessions and webinars focused on improving current and prospective customers' understanding of Oracle Database technology
- Engaged in hands-on database application performance tuning exercises with Fortune 100 companies

Zero Defect Computing, Inc.   Bartlett, IL   July 2010 – August 2015
As *senior instructor* for Oracle University and its Oracle Education Partners in the US and Canada:
- Conducted Oracle University training classes concentrating on Oracle Database 11g core concepts, including Real Application Clusters, Grid Infrastructure, SQL tuning, and database performance tuning
- Trained Oracle employees and Oracle customers on Exadata Database Machine core concepts (one of a handful of instructor permitted to do so in North America)
- Consistently received student satisfaction scores in 90th percentile
- Awarded Oracle Education Quality Club recognition every quarter

As *speaker and author*:
- Presented topics on Oracle 11g Database I/O performance tuning and Exadata features to several hundred attendees at Independent Oracle Users Group (IOUG) COLLABORATE11 Conference in Orlando, FL (April 2011)
- Published the lead article in IOUG's Oracle Database Tips and Techniques booklet that was distributed to over 40,000 attendees at Oracle OpenWorld 2011 in San Francisco, CA (October 2011)
- Published detailed article discussing how to best leverage the features of Exadata Database Machine X2 built into Oracle 11g Release 2 in IOUG's SELECT magazine (4th Quarter 2011)
- Presented *Exadata Database Machine: Understanding Why It Works As Well As It Does* at IOUG Exadata SIG Webinar (January 2012)

Hitachi Data Systems (HDS)   Itasca, IL   January 2010 – July 2010
As *Strategic Solutions Consultant* for one of the world's largest storage hardware manufacturers:
- Provided consulting services for over 50 Fortune 500 companies whenever HDS sales engineers and sales consultants encountered issues with storage performance. This included direct analysis of Oracle database performance metadata, AWR reports, and ADDM reports to suggest performance tuning improvements to either Oracle database applications, Oracle database structures, or HDS enterprise / mid-range storage platforms
- Designed, constructed, and implemented Oracle databases, queries, and procedures to perform extreme performance testing of HDS storage platforms and devices
- Engineered, performed, and analyzed results of extensive testing of Hitachi Data Systems (HDS) enterprise-level storage platforms, devices, and management software, including hands-on configuration of hard disk drives (HDDs) and solid-state storage devices (SSDs) within those platforms
- Created, tested, and implemented analysis tools for HDS sales force in-field use via Microsoft Office product suite (Excel, PowerPoint, Word)
- Prepared and published white papers focusing on best practices for Hitachi storage configurations, especially for optimal Oracle database performance
- Prepared customized presentations for HDS customers, sales consultants, and sales engineers, presenting these artifacts during numerous face-to-face customer meetings, HDS sales conferences, and informal HDS training sessions

Fujitsu America   Schaumburg, IL   August 2005 – December 2009
As *Senior Oracle Instructor* for the premier Oracle Education partner in the Midwestern US:
- Conducted Oracle University training classes covering various facets of Oracle Database 9i, 10g. and 11g
- Set up new Oracle 10g and 11g databases to facilitate teaching new Oracle10g and 11g courses
- Prepared hundreds of code examples to illustrate Oracle 10g and 11g features
- Assisted technical staff in formalizing image creation and build-out procedures and best practices
- Configured Oracle 10g and 11g Real Application Clusters (RAC) database servers for student exercises and taught master-level RAC classes, becoming one of just a handful of instructors among Oracle Education Partners certified to do so
- Consistently received student satisfaction scores in 95th percentile, and have been awarded Oracle Education Quality Club recognition every quarter
- Presented *Use Oracle 11g Database Replay to RAC With Confidence (Without Racking Your Brain)* to several hundred attendees at Oracle OpenWorld 2008
- Awarded *Oracle Instructor of the Year* in 2009. Competitors comprised the top 30 Oracle University Education Partner instructors in the US and Canada, including several Oracle Certified Masters (OCM)

Conference Plus, Inc.   Schaumburg, IL   January 2001 – July 2005
As *Senior Oracle DBA,* completely responsible for daily operation of all Oracle databases:
- Directly managed conversion of all Oracle *9i*R2 databases running under Microsoft Windows 2000 OS to Oracle 10*g* Real Application Clusters environment under RHEL 3.0
- Responsible for managing and mentoring team of two DBA resources
- Evaluated and recommended new hardware platforms for Oracle 10*g* RAC conversion efforts
- Monitored the health of and tuned the performance of the corporation's production databases, including server and disk configuration and application of patches to operating system and database servers
- Evaluated Oracle 9*i* in 64-bit Microsoft Windows 2003 server environment
- Converted all production and development databases from Oracle 8*i* to Oracle 9*i* Release 2
- Converted production databases from Sybase to Oracle 8*i*, including initial data load of several hundred million rows and verification of production data
- Evaluated, selected, installed and managed database server hardware and storage media
- Planned, tested, and implemented backup and disaster recovery schemes utilizing Recovery Manager (RMAN) scripting
- Developed, implemented, and enforced coding standards for PL/SQL development efforts
- Evaluated, selected, and implemented third-party vendor tools for database schema management, version control, and code review
- Created new databases, database objects, and PL/SQL code to support new business requirements
- Duplicated subsets of production databases to development and quality assurance environments
- Mentored application developers and junior DBAs to increase their understanding of Oracle and PL/SQL
- Attended training classes through Oracle University to increase professional knowledge of Oracle database concepts, tuning techniques, and backup and recovery methodologies

As *Project Leader*, tasked with several mission critical projects. Highlights include:
- Charged with oversight of ongoing strategic project to completely overhaul several critical business functions at ConferencePlus, including application security, globalization, billing and accounts receivable, sales, and customer relationship management (CRM). Responsibilities included:
  - Analyzing extensive business requirements via interviews with subject matter experts
  - Creating scope and business functional documentation for executive management presentation
  - Training new business analysts to derive application business rules through use case methodology
  - Designing object classes using Class-Relationship-Collaboration (CRC) exercises
  - Prototyping database objects to support new and improved business functions
  - Managing scope and deliverables for all team resources
- Responsible for installation of third-party software supporting scheduling and load-balancing of teleconferences on conference bridges. This included oversight of internal development staff in their efforts to develop requirements, design interfaces, construction, testing and implementation. Charged with managing external consultants to produce deliverables – the first time ConferencePlus had utilized external resources for a project of this size.

As *Senior Powerbuilder Developer*, responsible for conversion of mission-critical Powerbuilder applications from Sybase to Oracle 8*i* environment. This included review, revision, recoding, testing, and implementation of several hundred Powerbuilder objects.

Kraft Foods   Glenview, IL   July 2000 - January 2001
As *Senior Powerbuilder Developer*, responsible for all modifications to Commodities Tracking System (CTS) application for FAS-133 accounting requirements and enhancements to include options tracking. Reponsibilities included DB2 database table design, construction and testing of DB2/COBOL stored procedures, and revisions to existing Powerbuilder 7.0 application code.

American Medical Association   Chicago, IL   July 1998 – July 2000
- As *Team Leader,* directed small teams of analysts, developers, and Q/A personnel to construct new applications utilizing the client's software development life cycle. This included development of standardized deliverables for projects and establishment of methodologies for building required objects for future team efforts. Also assisted in evaluation and implementation of automated testing tools and related quality assurance methodologies.
- As *Business Analyst,* performed object-oriented analysis and design to obtain detailed requirements via use cases; enhanced existing object architecture via object modeling in Paradigm Plus; and created scope, requirement, and detailed design documents.
- As *Developer,* prototyped, built, and tested new Powerbuilder objects using client's non-visual object (NVO) architecture. Also developed and tested Informix database stored procedures.

Ameritech   Hoffman Estates, IL   November 1996 – July 1998

In role of *Lead Analyst / Developer*:
- Directly responsible for maintenance, tuning, and general support of three mission-critical 4GL financial applications, including creation of detailed system and user documentation.
- Completed database design reviews for existing FOCUS databases for efficiency and survivability.
- Provided mentoring and support for junior developers in FOCUS, project management, and client interaction skills.

G.D. Searle and Company   Skokie, IL   February 1991 – October 1996

Key team member in several mission critical projects for pharmaceutical industry client. Accomplishments included:
- Designed schemas for and assisted in implementation of a customer reference Oracle database.
- Participated in design of, developed logical data model for, loaded, and deployed Sybase database for support of mission-critical client-server system, the client's first PowerBuilder production online transaction processing system for sales force administration.
- Assisted in conversion of existing legacy FOCUS-based databases and reporting and inquiry functions to Powerbuilder environment.
- Managed conversion of mission-critical FOCUS databases and programs from VM/CMS mainframe environment to HP/UNIX environment.

Miller Brewing Company   Milwaukee, WI   September 1990 – February 1991

Developed and implemented FOCUS database and related application programs for an EEOC compliance tracking system.

Fermi National Accelerator Laboratory   Batavia, IL   October 1989 – September 1990

Developed, maintained, supported and installed FOCUS and SQL/DS database systems using FOCUS and SQL interfaces, SAS, COBOL and SQL for several payroll and human resources applications. Also instructed over one hundred students in Basic FOCUS Skills training classes.

CNA Insurance   Chicago, Illinois   March 1984 – September 1989

As *project leader*, completely responsible for redesign of several major group health cost containment reporting systems. As *developer*, assisted in major rewrite of largest FOCUS databases at CNA and provided extensive system and user support.

Awards and Acknowledgements

Oracle ACE Director Awarded Oracle ACE Director status in March 2014, one of only 100 technology evangelists in the world and just 35 in North America

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Publications

Kim, Charles; Czuprynski, Jim; Dibask, Pini, PDB Me to Oracle Cloud Pocket Solutions Guide: A Lazy DBA's Guide to Mastering Multitenant Features on Oracle Cloud. CreateSpace Independent Publishing Platform, October 2017.

Czuprynski, Jim; Gomez, Deiby; and Scalzo, Bert, Oracle Database 12c Release 2 Testing Tools and Techniques for Performance and Scalability. McGraw-Hill Education, September 2017.

Czuprynski, Jim et. al, Oracle Database Problem-Solving and Troubleshooting Handbook. Addison-Wesley Professional, April 2016.

Whalen, Edward and Czuprynski, Jim, Oracle Database Upgrade, Migration & Transformation Tips & Techniques. McGraw-Hill Education, June 2015.

January 2003 – Present
+100 published articles on Oracle Database topics available online at DatabaseJournal and IOUG SELECT Journal

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Certifications

October 2019	Oracle ADWC Certified Specialist
July 2016	Oracle 12*c* Certified Professional
March 2009	Oracle 11*g* Certified Professional
July 2006	Oracle 10*g* Certified Professional
July 2005	Oracle 9*i* Certified Professional
April 2004	Oracle 9*i* Certified Associate

Social Media Presence

Blog: Generally, It Depends
Observations on all things technological, including recent presentations at professional conferences and webcasts

Mastodon: @JimTheWhyGuy

LinkedIn: Jim Czuprynski

Professional Education

Professional Education
1975-1978	Lewis University, Lockport, IL
2009-2019	DePaul University, Chicago, IL

References

Available on request