K. Anderson & Associates Ltd
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Ken Anderson *Senior Systems Consultant*

Ken Anderson has been developing software since 1989, specializing in the use of Oracle tools and databases since 1991.

Mr. Anderson's experience includes such roles as Project Leader, Business Analyst, Data Architect, Application Architect, and Conversion Specialist on a number of projects. He has worked in Victoria with several provincial ministries. In Toronto he built financial product systems for major financial institutions.

MEMBERSHIPS

- Past President of the Victoria Oracle User's Group
- Member of the Oracle Development Tools User Group

EDUCATION

2009	ITIL Foundation Certificate, BCS – The Chartered Institute for IT
2000	Oracle Internet Application Developer Rel. 6i Certified Professional
1982	B.Sc., Major in Economics, University of Victoria

PRESENTATIONS / PUBLICATIONS

June 2005	"Improving Forms Design", Oracle Development Tools User Group (ODTUG) Annual Conference, New Orleans, LA
June 2005	"Methods for Improving Data Extraction", Oracle Development Tools User Group (ODTUG) Annual Conference, New Orleans, LA
June 2000	"Using Oracle8i's Fine-Grained Access Control - Solutions to Application Development Problems", Oracle Development Tools User Group (ODTUG) Annual Conference, Fort Lauderdale, FL

PROJECT ROLES

Project Manager

Business Analyst

Technical Architect

Application Architect

Data Architect

Developer

Tester

Deployment Manager

TECHNICAL EXPERIENCE

Oracle RDBMS (5, 6, 7, 8i, 9i, 10g)

PL/SQL (6, 7, 8i, 9i, 10g)

Oracle Forms (2.3, 3, 4.0, 4.5, 6i, 8i, 9i, 10g)

Oracle Reports (6, 8i, 9i, 10g)

Oracle APEX (2.x, 3.2.x)

Oracle Designer (5.x, 6.x, 8i, 9i, 10g)

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EMPLOYMENT HISTORY

Employer	Dates	Position
K. Anderson & Associates	February 2010 – present	President and Senior Consultant
OA Solutions	October 2009 – February 2010	Manager, Managed Services
	January – September 2009	Resource Manager
	October 2006 – December 2008	Oracle Team Lead
K. Anderson & Associates	August 2000 – September 2006	President and Senior Consultant
EDS Canada	November 1998 – August 2000	Senior Information Specialist and Oracle Team Lead
Pangaea Systems	1996 – November 1998	Senior Consultant
Ministry of Attorney General	1994 – 1996	Custom Application Coordinator
SHL Systemhouse	1991 – 1994	Senior Systems Analyst
Self Employed	1989 – 1991	Financial Systems Consultant in Toronto
CIBC	1985 – 1989	Assistant Manager, Accounting and Systems, RRSP Centre

SUMMARY OF PROFESSIONAL EXPERIENCE

Dates	Project/Client	Role/Responsibilities
February – September 2009	**Scale Control and Administration System** *Ministry of Forests and Range*	***Deployment Manager*** Ensure a complete and smooth implementation of new system into the Ministry's test and production environments
July 2008 – January 2009	**Data Exchange Platform (DX2)** *Ministry of Education* Oracle Application Express Oracle RDBMS 10g PL/SQL	***Application Architect*** • Develop initial prototype • Work with BAs to design the application • Assist ITMB staff in establishing development and test environments • Write "Application Architecture" document ***Data Architect*** • Design physical database, build tables and views; review evolving data model with BAs and Ministry DA ***Development Lead*** • Establish development standards • Assign development tasks to developer • Train and coach developers to improve their productivity • Review developer deliverables. • Liaise with project managers to identify and resolve implementation issues

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Dates	Project/Client	Role/Responsibilities
		• Co-ordinate deliveries and migrations with ITMB staff
July 2007 – June 2008	**Course Registry** *Ministry of Education* Oracle Application Express Oracle RDBMS 10g PL/SQL	***Conversion Specialist*** • Clarify conversion design specifications through discussions with users • Create and use data conversion tools (e.g. scripts, reports, screens) • Design and build APEX application to provide conversion dashboard, ability to download sets of "bad" data, and validation screens where uses could see data as it would be displayed in the "still under construction" java application. • Create views, PL/SQL code, and Oracle External Tables to support conversion application. • Oversee testers in their use of data conversion tools • Co-ordinate deliveries to users and ITMB staff
October 2006 - October 2008	**Family Information System Re-development (FIS2)** *Family Justice Services Branch, Ministry of Attorney General* Visio Oracle Designer MS Word Oracle RDBMS 10g Oracle Forms & Reports 10i	***Application Architect*** • Detailed Technical Architecture Specifications. • Detailed Application Design Specifications. • DDL scripts generated from "Design Repository" (see next entry) • Requirements Traceability Matrix generated from "Design Repository" ***Technical Lead*** • define detailed Functional and Technical Designs ***Data Architect*** • define logical and physical data models • Security policies, and PL/SQL procedures and functions, to enforce secure access at the database level.
October 2006 – October 2007	**Design Repository** *OA Solutions* Oracle Application Express 3.1 Oracle RDBMS 10g PL/SQL MS Word	***Solution Architect*** As OA's Oracle Team Lead, Ken started the design phase of an Oracle Forms application development project by building an APEX application and a set of MS Word templates that would allow him to manage QA of the design specification. Ken's intention was to separate the design specification content from the presentation, so that content could be managed as data with internal integrity. The APEX application allowed designers to store definitions of Oracle Forms application components and to generate reports that identified anomalies in those definitions. The Word templates allowed designers to generate screen and report specification documents for users to review.
October 2009 – February 2010 January –	*OA Solutions*	***Manager, Managed Services*** Oversee the formalization of OA Solutions' Managed Services Team. ***Resource Manager***

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September 2009 October 2006 – December 2008		Oversee the hiring & firing process, and manage day-to-day HR issues relating to existing staff. ***Oracle Team Lead*** Perform R & D on new releases of Oracle products, ensure team members were able to use the Oracle products effectively, and establish standards, guidelines, and processes that support the development of quality, custom Oracle applications using current products.
January - September 2006	**2006 VicOUG Best Practices Symposium & Lectures** *Victoria Oracle Users Group*	***Conference Chair*** Ken, assisted by the VicOUG Board of Directors and member volunteers, successfully brought six internationally known speakers to Victoria for a one-day symposium followed by eight full-day courses. Events were held at the Victoria Conference Centre, the Harbour Towers Hotel, and Camosun College. The event ran extremely smoothly, turnout was higher than expected, and the event made a profit for the VicOUG.
January - September 2006	**VicOUG Website** *Victoria Oracle Users Group* Oracle Application Express 2.1 Oracle RDBMS 9i PL/SQL	***System Architect*** Build registration website Victoria Oracle Users Group's "Best Practices Symposium & Lectures". Website includes easy-to-use public screens, interface to backend credit card processor, automatic email invoices for cheque payments, and a significant back office component.
May – July 2006	**JUSTIN Tuning** *Ministry of Attorney General* Oracle RDBMS 10g PL/SQL	***Tuning Specialist*** - Work with DBAs to identify problem queries and bottleneck procedures. - Re-write queries and procedures, and implement new indexes as necessary.
November 2002 - March 2006	**CORNET Re-Development** & **SCMS Development** *Ministry of Public Safety and Solicitor General* Oracle RDBMS 10g Oracle Designer	***Technical Architect*** - write the Technical Architecture deliverable ***Data Architect*** - refine business requirements with users and BAs, and define and implement significant enhancements to the data model ***Application Designer*** - coach the Developers (including the Development Lead) in the effective use of Oracle PL/SQL, Oracle Forms, and Oracle Reports ***Conversion Specialist*** - define and manage the conversion plan, define testing strategy, define conversion tests, write and execute conversion routines

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April – November 2002	**Logical Designer Development** *K. Anderson & Associates* Oracle Forms 6i Oracle Reports 6i Oracle RDBMS 8i PL/SQL	***Product Manager & Developer*** Product Description: Logical Designer is a tool developed for data modelers. It provides the development team with a dynamically-generated functional prototype derived from the logical data model currently in use. Business clients validate the appropriateness of the data model by entering and querying real-life data via the user component of the application. Use of the application allows the development team to shorten analysis significantly, because users can test scenarios immediately and easily to confirm whether or not the data model supports their needs adequately.
April 2001 - March 2002	**Debt Management System Development** *Debt Management Branch, Provincial Treasury* Oracle RDBMS 10g Oracle Designer	***Business Analyst*** Work with Business User contacts, Business and Technical Project Managers, and other consultants to determine and document data requirements and to refine functional requirements. Lead requirements JADs and participate in Advisory and Steering Committee meetings as required. Take a lead role to ensure that the data requirements are captured in Oracle Designer in a manner that meets principals of data modeling and that anticipates the potential for generation of database and application code. Provide guidance to the consultants currently working on the project team in the use of Oracle Designer and perform a quality assurance role in reviewing repository.
October 2000 - April 2001	**Windows and Oracle Environment Upgrade Application Certification** *Ministry of Transportation and Highways*	***Project Manager*** Determine the scope of the testing required; plan the tasks and deliverables of the project, including defining 600 tasks and task dependencies, defining resourcing requirements, and determining schedules with seventy individuals and computer resources; select representative test applications; determine who needs to be involved from the ISB and customer staff and maintenance contractors; develop test plans in conjunction with testers; support software installation/configuration; follow up on issues arising from testing; monitor and report progress to the contract administrator
September 2000 - April 2001	**Oracle Developer Training Program** *Camosun College* Oracle RDBMS 8i Oracle Forms 6i Oracle Reports 6i PL/SQL	***Instructor*** • Present, with another instructor, the five Oracle Education courses with which students can prepare to attain the Oracle Application Developer Certified Professional designation. • Develop two projects for the students to work on. • Coach, teach, and mentor students new to the Oracle world.
April - May	**Budget Data Management**	***Developer***

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2000	**System Release 2 Development** *BC Transit*	Assist in the design and construction of a number of Oracle Forms.
May 1999 - April 2000	**FOI Tracking System (CRTS)** *Information Science & Technology Agency, Province of BC* Oracle Designer 6i Oracle Forms 6i Oracle Reports 6i Oracle RDBMS 8i PL/SQL	***Solution Architect*** • define the Technical Architecture • define the Conceptual and Logical data models • define the Application Architecture • coach other team members • develop design standards and guidelines • perform quality reviews
June 1999 - May 2000	**Corporate Data Architecture Definition** *BC Transit*	***Consultant*** Create standards-and-guidelines documents defining how the corporate data model will be managed.
1989 – 1999	Variety of Financial Institutions and BC Government Ministries	***Senior Application Consultant*** As a consultant, Ken focused on designing and developing Oracle Forms applications, often generating database objects and application code using Oracle Designer
1989	RRSP Centre, CIBC, Toronto	***Assistant Manager, Accounting & Systems*** • Fixed Term Annuity System Development • Registered Retirement Income Fund System Development • Registered Retirement Savings Plan System Development