

# Curriculum Vitae of

## William Russell Barrow

#24 Cannon Drive, Westmoorings By-The-Sea

Trinidad & Tobago, W.I., (868) 768-6389, wbarrow@odbac.com, www.odbac.com

**CAREER OBJECTIVE:** *Oracle Technology Consultant*

## PROFESSIONAL EXPERIENCE

Apr 1998 to **O-DB Administration Consulting Ltd.**

**Present**

### *Oracle DBA and Information Technology Consultant*

Created a consulting practice focused on Oracle database administration (DBA) and related technologies and services for local and regional clients. Services include database administration consulting, Information Technology infrastructure design, Project Management, and Oracle application development. Major accomplishments and tasks include:

### **Database Administration**

- Install and Configure Oracle RAC on two node LINUX Cluster for banking customer.
- Configure and create customised, scheduled reports using Grid Control Information Publisher for banking customer.
- Design and deploy 1.2 Terabyte data warehouse physical schema for local telecommunications company.
- Deploy Oracle Data Guard solutions for Oracle 9i and 10g RAC environments for customers, including the Ministry of Finance.
- Consultant DBA for Associated Brands Industries Ltd.

- Consultant DBA for the National Insurance Board.
- Consultant DBA for RBTT Bank (10g RAC).
- Consultant DBA for HiLo Retail.
- Consultant DBA and IT infrastructure development for the Guyana Bank for Trade and industry
- Consultant DBA for Methanex Trinidad (Atlas) Ltd.
- Provide DBA services and training to local companies and on behalf of the local Oracle distributor.

### **Project Management**

- Provided project management services for Infotech Caribbean Ltd. for the implementation of Solomon Business Solutions (Financials, Sales and Manufacturing) for local oil and gas services company.

### **Information Technology Consulting**

- Provided systems audit of the core banking application and the Information Technology (IT) department's operations and infrastructure for the Guyana Bank for Trade and Industry. Consulting included reviewing all aspects of operations from personnel policies to Wide Area Network design and security.

➤

### **Applications Development**

- Designed, developed and implemented Tank Levels and Contract Management Systems for Phoenix Park Gas Processors Ltd. utilising Oracle Application Express 3.1.
- Designed and implemented a Cargo Handling Facility application utilising Oracle Application Server and database web technology for a local cargo company.

- Designed and implemented a dimensional data mart to deploy interactive Online Analytical Processing capabilities for management reporting and sales analysis for Associated Brands Industries Ltd.
- Designed and implemented a dimensional data mart to provide labour force statistics for the Trinidad and Tobago Ministry of Labour.
- Designed, developed and maintain the Sales Management System for Associated Brands Industries Ltd. utilizing Oracle Application Server, Forms and Reports.

#### **Miscellaneous Activities**

- Provides training for customers of the local Oracle distributor in 9i and 10g technologies.
- Provided Oracle DBA training to the Ministry of Education – Barbados.
- Provided Oracle DBA training to the Ministry of Education – Guyana.
- Provided Oracle installation and implementation DBA services for Guyana Sewage and Water Company's billing application in conjunction with IBM - Israel and IBM - Trinidad & Tobago.
- Provided Oracle DBA and application consulting services for Guyana Bank for Trade and Industry Ltd. and Guyana Sugar Company.
- Provided Oracle DBA services and Y2K analysis for the Dominica Social Security.
- Provided Oracle DBA services for Hydro Agri Trinidad Ltd.'s Data Migration Project in conjunction with INFOTECH Associates Ltd.

***Apr 1996 to*** **Fujitsu-ICL Caribbean (Trinidad) Ltd.**  
***Mar 1998***

***Software Development Manager.***

- Managed software development projects and ORACLE database consultancy.
- Managed the development of an ORACLE based Sales Management System integrating hand-held computers and IBM AS/400 accounting packages.
- Managed the development and deployment of the company's Corporate Information Intranet System. Development tools include ORACLE Designer, Developer/2000, Web Server 3.0 and ORACLE Enterprise Manager.

***Sep 1995 to*** **ICL Enterprises, UK Ltd.**  
***Apr 1996***

***Database Designer.*** Designed, documented and implemented the physical database for the "SKY Pay-Per-View On-line Billing" application system as a contractor to ICL Enterprises U.K. The system was implemented using Oracle Parallel Server (now known as RAC) technology on clustered SUN SPARC Centre 2000 systems using ORACLE 7 Parallel Database Server and Tuxedo Transaction Management.

***Aug 1990 to*** **Trinidad & Tobago Methanol Company Ltd.**  
***Sep 1995***

***Systems Administrator.*** Managed the Company's SUN, DEC and NCR computer servers and workstations in a distributed, client-server environment.

***Network Administrator.*** Designed and managed the implementation of the Company's TCP/IP based, fibre optic local area network. Integrated the information systems of the Company's Distributed Control System with

the corporate LAN, providing real-time plant monitoring and automatic generation of daily production reports from any network PC.

***Database Administrator.*** Implemented and managed several distributed ORACLE V6 database systems to support the Company's corporate information systems. Migrated applications to the ORACLE7 server platform.

***Analyst/Programmer.*** Analysed, designed and developed on-line database applications in ORACLE SQL\*Forms 2.3, 3.0 and 'C' .

***Jul 1988 to***     **Management Information Systems Limited**  
***Dec 1989***

***Programmer & Technical Support Analyst.*** Designed applications for a local bank and Oil & Gas industry companies using SQL\*Forms and the C programming language. Technical Support duties included ORACLE installation services, problem solving and product training for customers.

## **PROFESSIONAL TRAINING**

- Microsoft 2003 MCSE course at the School of Business and Computer Science, Port of Spain, Trinidad. (MCP Certified)
- Two day CBT training in IBM DB2 UDB for UNIX and Intel for Experienced Relational DBAs
- Four day CBT training in IBM DB2 Family Fundamentals and DB2 SQL Workshop
- Five day attendance at the *ORACLE Open World 2000* conference and mini-course sessions in San Francisco, California.
- Five day attendance at the *ORACLE Open World '98* conference and mini-course sessions in San Francisco, California.

- Five day attendance at the *ORACLE Designer/2000 - System Modelling and Tools* course.
- Five day attendance at the *ORACLE Designer/2000 - Design and Build Database Objects* course.
- Five day attendance at the *ORACLE Designer/2000 - Design and Build Applications* course.
- Five day attendance at *the Develop Applications with the ORACLE 7 Procedural Option* course.
- Five day attendance at the *Introduction to Fisher-Rosemount Distributed Control Systems* course at the Fisher-Rosemount training centre, Minnesota USA
- Five day attendance at the *Microstation Level I CAD* course.
- Five day attendance at the *Windows NT System Administration* course.
- Five day attendance at the *Administering ORACLE Server V7* course.
- Four day attendance at the *Meridian 1 Option 11 Familiarisation* course.
- Five day attendance at the *SUN SOLARIS System Administration and SUN OS (4.1) Advanced System Administration* courses.
- Five day attendance at the *ULTRIX CLIENT-SERVER MANAGEMENT* course.
- Five day attendance at the post-graduate course *Relational Data Administration & Control and the Repository*, sponsored by the Institute for Advanced Technology (IAT).
- Five day attendance at the *International ORACLE User's Group Conference* in 1990 at Anaheim, California, USA.

## **EDUCATION**

**1985 to 1988** Orlando College, Orlando Florida, USA:  
Bachelor of Science in Computer Science. Minor in Business Administration. GPA: 3.8; Magna Cum Laude Degree. Elected to Who's Who Among Students in American Universities & Colleges for the 1987-1988 academic year.

**1981 to 1983** Trinity College School, Ontario, Canada:  
Grades 12 and 13 in Algebra, Calculus, Chemistry, Biology, English, Spanish and Physical Education.

**1976 to 1981** Hillview College, Tunapuna, Trinidad:  
7 O'level subjects in Mathematics, Additional Mathematics, Biology, Physics, Chemistry, Geography and Spanish.

## **PROFESSIONAL ASSOCIATIONS AND ACCREDITATIONS**

- Oracle 10g Administrator Certified DBA (2008)
- Microsoft Windows 2003 MCP (Windows XP, Server 2003) Certified in 2005.
- ORACLE 8i Certified Professional DBA in 2003
- IBM DB2 UDB V7 Certified UNIX and Windows DBA in 2002
- IBM DB2 UDB V7 Certified Solutions Expert in 2002
- ORACLE8 Certified Professional DBA in 2002
- ORACLE7 Certified Professional DBA in 1999.
- Member of the Eastern Caribbean ORACLE Users' Group.
- Member of the Oracle Technology Network/Developer Track.

## **PERSONAL**

### ***Hobbies***

Automotive sports, sailing, photography, astronomy, radio control modelling.

### ***Date of Birth***

March 2nd, 1965

### ***Marital Status***

Single

## **REFERENCES**

Available upon request.