



Mentor and Practice Leader

Martha Van Langen

Areas of Practice

- Business Intelligence
- Business Analyst Mentor
- EA Database DBA and Programmer – Enterprise Architect 7.0
- Expert Oracle DBA, Designer, Programmer and Analyst
- Data Warehouse Designer and Performance Tuning Engineer
- Model Guardian – Enterprise Architect 7.0

An Industry Practice Leader who utilizes emerging trends in Business Intelligence and Information Resource Management, Martha is a highly effective consultant who remains technical with strong communication and people skills that compliment and leverage her as a practice leader in Business Analysis, Requirements, and deployment of complex large scale systems

Martha has over twenty two years experience in designing, developing and implementing database applications. Martha has a bachelors degree in Computer Science from the University of Central Florida and has developed many systems on a variety of database platforms to include Oracle, SQL Server, DB2, Focus, and Teradata. She has worked with numerous Fortune 500 companies to develop enterprise-wide database solutions and has specialized in the designing, implementation and performance tuning of large scale systems.

Martha is a highly respected mentor and professional certified technology instructor and has trained thousands of students in the use of advanced Oracle technology. Martha is the author over several courses in the Oracle curriculum which cover SQL, PL/SQL, database modeling, database administration, performance tuning, and data warehouse concepts. Martha is an accomplished data modeler and currently uses Enterprise Architect for conceptual, logical and physical relational database designs.

Key Strengths

Oracle DBA, Designer and Programmer – Possesses the capability of remaining highly technical while being strategic in approach. Demonstrates initiative and enjoys working with people, listening and managing to organizational goals.

Business Analyst Mentor – A highly effective facilitator who encourages communication, to facilitate requirements using best practices of the International Association of Business Analysts (BABOK).

Customer Driven - Builds effective, integrity-based professional relationships with a demonstrated commitment to client involvement, feedback, skillful diplomacy and customer service. Martha has displayed the ability to manage highly effective teams. Martha finds empathy by integrating people, cultures, tools and methods.

Educator, Mentor and Practice Consultant – A highly practiced UML and Data Modeler/Designer skilled in working across a wide variety of business areas to define and meet client specific needs.



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Tools and Techniques

Process-Methodologies: Practical Unified Process, Agile (Scrum, FDD, Lean), UML, Model Driven Development, SOA, Business Process Management using BPMN and BPEL

Architectures: Data, SOA, MDA

Tools: Sparx Enterprise Architect, IBM Rational Suite, ErWin, Microsoft Project, Microsoft Visio, ER Studio, Oracle Designer & Developer, Toad, PL/SQL, Advanced SQL, Microsoft SQL Server

Education

Bachelor of Science, Computer Science University of Central Florida – 1988

Oracle Certified Professional – Oracle 8i, 9i, and 10g

Learning Tree Oracle Application Development Certification – Oracle 8i, 9i, and 10g

Learning Tree Oracle DBA Certification – Oracle 8i, 9i, and 10g

Learning Tree Continuing College Credits - American Council on Education

- Introduction to Oracle 8i, 9i, 10g, 11g
- Advanced SQL Queries for Oracle
- PL/SQL Programming
- Oracle Database Administration
- Oracle Backup and Recovery
- Object Oriented Analysis, Design and coding techniques using the UML
- Business Process Reengineering
- Relational Database, Tools and Techniques
- Data Warehouse Design and Development
- Oracle Database Performance Tuning
- Java Programming
- Introduction to XML
- XML for B2B
- Introduction to SQL Server
- Advanced SQL Queries for SQL/Server