

Job Advert for Oracle DBA

The Job Position

Position Number	DC0004
Job Title	Oracle Database Administrator
Position	Database Administrator
Job Level	Senior
Department	Development Centre
Physical Location (Company)	Software Factory in Centurion Office
Work Location	<ul style="list-style-type: none"> • Software Factory based in Centurion • Offsite at Client Sites most of the time. • Travelling in SA and abroad for long term and short-term projects from time to time – passport a prerequisite
Date of Appointment	On Request
Type of Appointment	Permanent / Sub-Contractors Project (typical 2-5 years)
Purpose of the Job	Administration of Oracle databases
Job Functions	<ul style="list-style-type: none"> • Database installation – Setup and configure • Database optimization – Identify and rectify performance problems • Database maintenance and monitoring – Keep the databases operating optimally • Database operation – Support and assist database users, perform backups and disaster recovery • Database modelling – Model architecture of existing and new databases
Competencies	<ul style="list-style-type: none"> • Intelligent • Responsible • Communication skills • Methodical • Logical deduction and reasoning • Result driven and quality focused • Problem solving & analysis • Advanced documentation skills
References	References from the last 3 projects are compulsory and will be verified



Education	BSc Degree in Information Technology or equivalent is required
Enquiries & Application	<p>Submit written job applications:</p> <ul style="list-style-type: none"> • Together with resumes • Together with previous employer references • Indicating when available for interviews – should it be required.
Email Address	jobs@systemmethodologies.co.za
Applications: Closing Date	Perpetual
Date Published	X
Experience	<ul style="list-style-type: none"> • 3 years Oracle RDBMS 9i experience • 2 years Oracle DBA experience
General	<ul style="list-style-type: none"> • Candidates must be able to work well structured and follow strict methodical processes • Candidates must also be able to model and think in a conceptual manner
More Information	Refer to the detailed adverts at www.infomet.com/pages/main/contact_us.html

The Job Responsibilities

Industry Experience (one or more areas)	<p>Financial Services and/or Banking, Investments, Insurance, etc. Retail Sector – Supply Chain Management, Logistics, Warehousing, Distribution, Retail, Procurement, Cost Modeling, Financial Modeling, etc. Manufacturing</p>
Knowledge and Skills	<ul style="list-style-type: none"> • Oracle RDBMS 9i Release 2 and its utilities (SQL PLUS, RMAN, EXP, IMP and SQLLOADER) • Profiling • Diagnostic Tools



Development Methodology Knowledge and Experience

Methodology:

- Specification development
- Application Features
- Modelling (DSL, UML or Infomet)
 - Data Modelling
 - Function Modelling
 - Process Modelling
 - Object Modelling
 - State Transition Diagram
 - Pseudo Code
 - Program Structures
- Coding
 - Standards
 - Coding
 - Programs
 - Source Control
 - 3 Years - Component writing
 - Interfaces
 - API Libraries
- Data Base Programming
 - RDBMS
 - MS SQL Server experience
 - Oracle PL/SQL Development
- Experience using BI Tools
- Test Case Preparation and Participation
- Documentation
 - Templates
 - Standards

Development Project Knowledge and Experience

Project Life Cycle Knowledge & Tools:

- Phases and Stages
- Application Segmentation
- Development Schedule
- Development Estimation
- Development Project Plan
- Knowledge of Development Life Cycle
- Work Breakdown Structure (WBS)
- Time Recording
- Version Control
- Source Code Management
- Debug Tools
- Profiling Tools
- Testing & Tools

Team Functioning:

- Documenting Skills
- Team interaction
- Commitment
- Participation
- Dedication, etc.
- 2 Years - Implementation of Object Oriented SDLC



Advanced Development Technologies and Experience

Front End Development

- Program Structure
 - Logical level
 - Class
 - Modules
- Program Language Features
 - Methods
 - Properties
 - Inheritance
 - Pseudo Code
 - Interfaces

WEB Development

- HTML5, CSS3 & Java Script (Libraries)
 - Bootstrap
 - Angular
 - UIKit
 - DevExpress for ASP
- XML
- Frames
- Java SP
- Active X
- AJAX
- Responsive or Dynamic

Data Base Programming

- Data Definition (DDL)
- Data Manipulation (DML)
- DB MS Types
 - Relational
 - Multi-Dimensional
 - Cube
 - Rollup
 - Memory Resident
- Coding
 - Standards
 - Pseudo Code
 - Transactioning
 - Short
 - Long
 - Exception Handling
 - Optimization

Multi-Tier: (Advanced Programming Skills)

- Tiering & Layering
- Persistence
- Application Services
- Threading & Multiprocessing
- Services & Connections
- Scalability
- Fail over Safety

