

CAREER OPPORTUNITY

The Council for Scientific and Industrial Research (CSIR) is a leading scientific and technology research organisation, implementing projects throughout Africa and making a difference in people's lives.

Oracle Application Database Administrator

About the job:

The CSIR has a vacancy for the **Oracle Application Database Administrator** who will design, implement and support Enterprise Resource Planning database technologies required as part of ICT solutions in support of business outcomes. The incumbent will also assess and implement the relevant governance and regulatory requirements to ensure risks associated with non compliance are mitigated. This position is based in Pretoria.

Key responsibilities:

- Research, design, implement and maintain Oracle E-Business Suite(EBS) solutions which meets the CSIR's business strategy and critical outcomes;
- Install, configure, upgrade, administer, monitor and maintain complex multi-database environments and participate in the design and creation of complex databases;
- Monitor and evaluate Oracle EBS database environments to optimise performance;
- Plan, organise, test and execute migration of database from development and test to production environments;
- Install and test new releases, bundles and fixes and ensure that data security protocols are maintained and backup/recovery processes are completed as scheduled;
- Engineer, implement and maintain fit for purpose solutions, to support business strategies and outcomes, within legislative, governance and good practice requirements;
- Establish and maintain database security parameters in order to protect data from potential theft as well as apply critical patch updates to address security vulnerabilities;
- Anticipate, prevent, detect and resolve database problems and thereby continually refine maintenance tasks;
- Optimise database architecture to ensure adequate availability and capacity levels for current and future CSIR service requirements;
- Design, engineer, implement and release database solutions, which complies with project, architecture and Information Technology Infrastructure Library frameworks;
- Innovate relevant technology that could improve the effectiveness of ICT operations and the achievement of CSIR's vision and objectives;
- Provide specialised technical systems analysis and support to customers ensuring effective internal and external services are delivered;
- Provide technical leadership to junior staff to ensure growth and development of skills pipeline and succession to the Enterprise Resource Planning environment.

Qualifications, skills and experience:

- A bachelor's degree in information technology or related qualifications with at least six years' relevant experience;
- Must be an Oracle certified professional and Oracle Applications Database Administrator certified professional;
- A valid driver's licence is required for operational purposes;
- Knowledge of high availability solutions (Oracle Data guard) and in-depth technical knowledge of database solutions and architecture;
- Advanced troubleshooting skills on interdependencies and databases;
- Ability to design, engineer, implement and maintain ERP database services and solutions related to databases;
- In-depth technical knowledge of integration of database solutions and interfaces with applications, web services, middleware, storage, operating systems, forms, networking, and data;
- An in-depth understanding of data analytics, information security, applications, operating systems (Windows and Linux), middleware and web services;
- Knowledge and understanding of Linux shell scripting, Windows scheduling, database job scheduling and Oracle Enterprise Manager scheduling;
- Experience in working together with multiple teams during the design, engineering, implementation, and operations phases;
- Ability to recover IT Systems during a disaster recovery testing or real scenario and knowledge of backup and restore procedures, methods and policies;
- Thorough knowledge of Oracle EBS , Concurrent Manager, and Workflow;
- Proficiency in performance tuning and familiarity with Oracle tuning tools like SQL analyzer, Statspack, AWR;
- Excellent communication and documentation skills.

Should you meet the above requirements, please email your CV to jobapplications@csir.co.za with your name and surname, position title and reference number in the subject line, **(eg. John Smith: Job title: Oracle Application Database Administrator: Reference No: 307784)**

Closing date: 20 April 2017

PLEASE NOTE THAT FEEDBACK WILL BE GIVEN TO SHORTLISTED CANDIDATES ONLY.

For more info, please contact the CSIR Recruitment Centre on **012 841 4774** or email us at Recruitmentinfo@csir.co.za

*The CSIR is an equal opportunity employer. As such, it is committed to the Employment Equity Act of 1998. By applying for this position at the CSIR, the applicant understands, consents and agrees that the CSIR may solicit a credit and criminal report from a registered credit bureau and/or SAPS (in relation to positions that require trust and honesty and/or entail the handling of cash or finances) and may also verify the applicant's educational qualifications and employment history. **The CSIR reserves the right to remove the advertisement at any time before the stated closing date and it further reserves the right not to appoint if a suitable candidate is not identified.***