

Clearance Level: TS/ full lifestyle poly

Location: Reston

Last Revised: 2/7/2011

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GENERAL STATEMENT OF DUTIES

Looking for a developer with the basic skills and willingness to develop and grow into a senior developer. Provide database design and programming support and troubleshooting to multiple IT projects. Gather requirements for review, process into logical database designs or SQL/PLSQL code for views, stored procedures, functions or packages. Work with project developers to validate design requirements in the logical model or tune SQL code in support of customer views or queries. Develop and maintain web interfaces to database information to permit the viewing and modification of database contents from browser-based clients. Design, develop and implement routine database changes in support of customer application development. Work with customers to identify and develop system requirements taking into account desired results, hardware limitations and operating requirements.

ESSENTIAL JOB SKILLS (Required)

- Full life-cycle development experience of small to medium scale applications.
- Software engineering and database application development skills.
- Relational database design skills.
- Experience with database design/CASE tools.
- Experience in Oracle Relational Database Management System.
- Experience with SQL and PL/SQL.
- Knowledge and experience implementing complex security policies in Oracle, such as with Fine-Grained Access Control.
- Understanding and ability to work under established configuration management practices and policies.
- Demonstrated ability to effectively plan workload and meet established deadlines.

DESIRED JOB SKILLS

- Good interpersonal skills.
- Good problem solving skills.

POSITION REQUIREMENTS/PREFERENCES	
Education	<p><u>Required:</u></p> <p><u>Preferred:</u> Bachelors degree from an accredited college or university with major coursework in Engineering, Information Systems, or other technical discipline.</p>
Experience	<p><u>Required:</u> Three (3) years or more experience in database design and development.</p> <p><u>Preferred:</u> Eleven (11) years or more experience in experience in database design and development.</p>
Knowledge, Skills and Abilities	<ul style="list-style-type: none"> • Analyzing project data requirements. • Developing Entity Relationship Diagrams (ERDs) as part of overall data tier model to support project requirements. • Documenting designs in database design/CASE Tool (Oracle Designer) or any follow-on product. • Generating and writing data dictionary language (DDL) statements in SQL to build database objects. • Building database structures and programs in Oracle • Writing SQL and PL/SQL programs • Developing security procedures and programs to protect sensitive data. • Following established configuration management (CM) practices and procedures. • Documenting work. • Analyzing project database performance requirements. • Tuning database applications. • Performing bug fixes and technical
Additional Requirements	<p>Experience with Oracle Designer or similar database design tools such as Erwin or Sybase Power Designer. Experience with DBMS tools such as SQL Developer or DBArtisan. Experience with very large databases and/or data warehousing. Good knowledge of SQL and PL/SQL. Must be familiar with current version of Oracle. Oracle (general database knowledge/experience), Advanced SQL and PL/SQL, Application development experience in an Oracle environment, Data Modeling/Relational Database Design. Experience with Java/JDBC, Oracle Designer. Experience creating and implementing physical databases from Logical Data Models. Experience with data management, versioning of data, backups, etc. Database optimization experience with Oracle DBMS and experience using database-monitoring tools. Willing to Learn AGILE Methodology.</p>