Senior Data Engineer (Full Scope Poly)

Concept Plus is a mission-focused technology solutions provider that transforms IT concepts into impactful solutions for federal agencies. Headquartered in Fairfax, VA, we bring the agility, responsiveness, and customer intimacy of a small business combined with the quality and infrastructure of a larger firm.

Recognized as an award-winning Oracle partner, we have delivered innovative solutions across Defense, Intelligence, Civilian, Health IT, and Tribal sectors. Our highly certified experts build systems that drive efficiency, accelerate modernization, and ensure mission outcomes with certainty.

We offer competitive pay, comprehensive health, dental, and vision insurance, paid life insurance, paid time off, 11 paid holidays, performance bonuses, tuition reimbursement, unlimited training, and the opportunity to thrive in a collaborative, flexible, and innovative environment.

For more information, visit www.conceptplus.com.

About the role

Concept Plus is seeking a highly experienced and motivated Senior Data Engineer for an exciting new contract. This role is fully onsite in Reston, VA (5 days per week required).

What you'll do

- The Senior Data Engineer will be part of a team of Application, Cloud, and Security engineers delivering a cloud-native, centralized data platform that provides end-to-end budget traceability. This role will design, implement, and own the Oracle data architecture, database schemas, tables, and data standards that enable reliable, secure, and mission-ready data products for Phoenix.

Required Qualifications

- US Citizen
- Must possess a TS/SCI security clearance with Polygraph.
- Minimum 8+ years of experience in data engineering, Oracle database development, data architecture, or database management.
- Strong expertise in Oracle Database technologies
- Demonstrated experience designing, implementing, and owning logical and physical data models, database schemas, tables, views, keys, constraints, and reference data for enterprise Oracle databases.
- Proven experience with PL/SQL, SQL, stored procedures, packages, Oracle partitioning, indexing, query optimization, and performance tuning.
- Deep understanding of relational data modeling, normalization, dimensional modeling, data warehousing concepts
- Experience defining and enforcing data standards, naming conventions, data quality controls, business rules, retention requirements, and data lifecycle management.

- Strong knowledge or experience of ETL pipeline design, data transformation, reconciliation, and validation for large-scale data systems.
- Experience designing secure and scalable Oracle database solutions, including role-based access controls, encryption, auditing, backup and recovery considerations, and sensitive-data handling.
- Proficiency in shell scripting, Python, or comparable automation tools for database administration, deployment, monitoring, and operational support.
- Experience with Oracle GoldenGate or similar change data capture (CDC), replication, or data integration technologies.
- Familiarity with data governance, metadata management, master/reference data, data lineage, and cataloging practices.
- Ability to work with application developers, cloud engineers, security engineers, and business analysts to translate mission needs into durable data solutions.
- Strong verbal and written communication skills for documenting data architecture, schemas, standards, and implementation decisions.
- Experience working in an Agile framework.
- 8+ years of experience relevant to this position.
- Bachelor's Degree in engineering, computer science, business, or related discipline. Master's degree preferred.

Preferred Qualifications

- Experience integrating Oracle databases with cloud-native services, big data platforms, or data lakes.
- Familiarity with Oracle Autonomous Database and Oracle Analytics
- Experience with Oracle Cloud Infrastructure (OCI), including database, storage, networking, and data integration services.
- Experience implementing database schema migrations and database change management through DevOps and CI/CD pipelines.
- Knowledge of federal data security, privacy, and compliance requirements relevant to mission systems.
- Oracle certifications, such as Oracle Certified Professional, Oracle Database Administration, or Oracle Data Integration certification.

Concept Plus is an Equal Opportunity Employer. As such, we will give your application full consideration without regard to your race, color, religion, sex, age, national origin, disability, veteran status, sexual orientation, gender identity, or any other classification protected by federal, state, or local law.