



At the intersection of science and technology, **Clovertex** is a Life Sciences systems integrator specializing in architecting, building, automating, and managing scientific applications, databases, data lakes, and workflows using cloud computing technologies.

Clovertex is an AWS Advanced Tier Partner. Our team has deep scientific domain experience and specializes in providing both IT and science-related services.

To know more about us: [CLOUDVERTEX.COM](https://cloudvertex.com)

Job Title: Senior Data Engineer & Architect

Location: Hyderabad

Experience Level: 10-12 Years

Mode: Hybrid

Qualifications & Skills:

- Strong experience in building Data Lakes using AWS Cloud Platforms Tech Stack.
- Proficiency with AWS technologies such as S3, EC2, Glue/Lake Formation (or EMR), Quicksight, Redshift, Athena, Airflow (or) Lambda + Step Functions + Event Bridge, Data and IAM.
- Expertise in AWS tools that includes Data Lake Storage, Compute, Security and Data Governance.
- Advanced skills in ETL processes, SQL (like Cloud SQL, Aurora, Postgres), NoSQL DB's (like DynamoDB, MongoDB, Cassandra) and programming languages (e.g., Python, Spark, or Scala). Real-time streaming applications preferably in Spark, Kafka, or other streaming platforms.
- AWS Data Security: Good Understanding of security concepts such as: Lake formation, IAM, Service roles, Encryption, KMS, Secrets Manager.
- Hands-on experience with Data Warehousing solutions and modern architectures like Lakehouses or Delta Lake. Proficiency in visualization tools such as Tableau, Power BI, or Qlik.
- Strong problem-solving skills and ability to debug and optimize application applications for performance.
- Strong understanding of Database/SQL for database operations and data management.
- Familiarity with CI/CD pipelines and version control systems like Git.
- Strong understanding of Agile methodologies and working within scrum teams.

Preferred Qualifications:

- Bachelor of Engineering degree in Computer Science, Information Technology, or a related field.
- AWS Certified Solutions Architect – Associate (required).
- Relevant compliance certifications (e.g., Certified HIPAA Professional)
- Experience with Agile/Scrum methodologies and design sprints.

Job Description:

Job Requirements

- Design and implement enterprise-grade Data Lake solutions using AWS (e.g., S3, Glue, Lake Formation).
- Define data architecture patterns, best practices, and frameworks for handling large-scale data ingestion, storage, computer and processing.
- Optimize cloud infrastructure for performance, scalability, and cost-effectiveness.
- Develop and maintain ETL pipelines using tools such as AWS Glue or similar platforms. CI/CD Pipelines



managing in DevOps.

- Create and manage robust Data Warehousing solutions using technologies such as Redshift.
- Ensure high data quality and integrity across all pipelines.
- Design and deploy dashboards and visualizations using tools like Tableau, Power BI, or Qlik.
- Collaborate with business stakeholders to define key metrics and deliver actionable insights.
- Implement best practices for data encryption, secure data transfer, and role-based access control.
- Lead audits and compliance certifications to maintain organizational standards.
- Work closely with cross-functional teams, including Data Scientists, Analysts, and DevOps engineers.
- Mentor junior team members and provide technical guidance for complex projects.
- Partner with stakeholders to define and align data strategies that meet business objectives.

Benefits:

- We strongly believe in a competitive salary and benefits package for our employees.
- Along with the opportunity to work on cutting-edge technologies in the Biotechnology Industry, Clovertex also reimburse AWS certifications at various levels.
- Clovertex understands the importance of Work Life balance and provides Hybrid work model.
- Health insurance and benefits for the employees and dependents.

Additional Information:

- Clovertex is an equal opportunity employer and values diversity in the workplace. We do not discriminate based on race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.
- We are committed to creating a positive and inclusive work environment for all employees