



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 Role: Cloud Engineer

Key Responsibilities:

- Design, deploy, and manage AWS cloud solutions for HPC environments, including compute, storage, networking, and security.
- Implement scalable, reliable infrastructure to support various applications and workloads.
- Apply AWS best practices for performance optimization, reliability, and cost management.
- Build and maintain CI/CD pipelines for efficient deployment of applications and infrastructure.
- Develop and implement CI/CD pipelines tailored for scientific and engineering applications.
- Diagnose and resolve complex technical issues within AWS environments.
- Design and implement optimized HPC solutions for scientific and engineering workloads on the cloud.
- Oversee HPC deployments, ensuring high availability, scalability, and performance.
- Collaborate with DevOps engineers and developers to ensure seamless integration of HPC solutions.
- Monitor and troubleshoot HPC workloads in cloud environments.
- Stay current with advancements in HPC, cloud technologies, and scientific/engineering applications.
- Document and share best practices related to HPC and cloud integration.

Job Requirements:

- Bachelor's degree in computer science or a related field.
- 2-3 years of hands-on experience with AWS services (e.g., EC2, S3, IAM, EFS, FSx, VPC).
- Basic understanding of HPC principles and parallel file systems (e.g., Lustre, GPFS).
- Experience with Linux system administration.
- Familiarity with cloud platforms (AWS, Azure, GCP) and HPC services (AWS experience preferred).
- Proven experience with DevOps pipelines, adapting scientific/engineering applications for the cloud.
- Strong scripting skills (Bash, Python, etc.).
- Basic understanding of job schedulers (e.g., Slurm, SGE, PBS).
- Excellent problem-solving, analytical, and communication skills.
- Ability to work independently and in a collaborative team environment.

**Preferred Skills:**

- AWS certifications (e.g., AWS Certified Solutions Architect).
- Experience with Linux administration.
- Knowledge of parallel clusters and HPC administration.
- Familiarity with Slurm job schedulers.

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.