**Junior Cloud Engineer Intern**  
  
**Job Description:**

**Roles and Responsibilities:**

* Deploy, monitor, and manage cloud infrastructure on **AWS** including EC2, S3, and VPC.
* Implement **Docker** containerization for applications and manage containerized deployments.
* Build and maintain **CI/CD pipelines** using GitHub Actions for automated deployment and testing.
* Assist in configuring and managing network infrastructure, including **IP addressing, subnetting, routing, firewalls, and VLANs**.
* Support **cloud optimization techniques** to improve performance, reduce costs, and ensure efficient resource usage.
* Troubleshoot server, network, and cloud-related issues.
* Maintain documentation of cloud architecture, deployment pipelines, and network configurations.
* Collaborate with senior engineers to implement best practices for cloud, DevOps, and network operations.

**Required Skills:**

* Basic Linux administration (file management, permissions, system commands).
* Hands-on knowledge of **AWS services**: EC2, S3, VPC.
* Familiarity with **Docker** and containerized application deployment.
* Understanding of **CI/CD pipelines** using GitHub Actions or similar tools.
* Knowledge of **networking fundamentals**: IP addressing, IP classes, subnetting, routing, firewalls.
* Awareness of cloud cost and performance optimization strategies.
* Strong problem-solving skills and ability to learn quickly in a fast-paced environment.