Deploy Application on Cloud

ALGORITHM

Step 1 : Create an Account:
- Sign up for an account with the chosen cloud provider if you don't have one already.

Step 2 : Set Up Cloud Resources:
- Create a Virtual Machine (VM) instance or use a container service like AWS Elastic Beanstalk or Google Kubernetes Engine (GKE).

Step 3 : Configure VM/Container:
- Install Java Runtime Environment (JRE) or Java Development Kit (JDK) on the VM/container.
- Set up any required software and dependencies for your application.

Step 4 : Build the Application:
- Build a production-ready JAR file of your Spring Boot application using Maven or Gradle.

Step 5 : Configure Security:
- Set up firewall rules, security groups, or network policies to control access to the VM/container.

Step 6 : Deploy the Application:
- Upload your JAR file or Docker image to the VM/container.
- Set Environment Variables (Optional):
- If your application requires environment variables, set them on the VM/container.

Step 7 : Start the Application:
- Launch your Spring Boot application on the VM/container.

Step 8 : Test the Application:

- Verify that the application is running correctly and accessible through the provided IP or domain.