

Algorithm for Deploy application on cloud

Create an AWS Account:

If you don't have an AWS account, sign up for one at <https://aws.amazon.com/> and set up the necessary billing information and access permissions.

Launch an EC2 Instance:

Log in to the AWS Management Console.

Navigate to the EC2 service.

Click on "Launch Instance" to create a new EC2 instance.

Choose an Amazon Machine Image (AMI) that supports Java and your preferred operating system (e.g., Amazon Linux, Ubuntu, etc.).

Select an instance type based on your application's requirements. Configure instance details such as network settings, security groups, and IAM role if needed. Review and launch the instance.

Connect to the EC2 Instance:

Once the instance is running, you can connect to it using SSH.

Use the key pair (pem file) generated during instance creation to securely access the instance.

Prepare the EC2 Instance:

Use this Commands in Command Prompt :

- C:\Windows\System32\OpenSSH\ssh.exe -i KEY_PAIR.pem ec2-user@ec2-13-58-76-242.us-east-2.compute.amazonaws.com
- sudo yum update -y
- java --version
- sudo wget "Github Raw File Link";