

## **DevOps entry level assignment:**

**Domain:** AWS/Kubernetes

### **Problem:**

Deploy a Kubernetes cluster on AWS EKS with 2 worker nodes and deploy a simple website. You can choose any website you want to deploy. Scripts could be written in the language of your choice. All files should be committed to a GitHub repository with clear cut instructions on how to run it. We will execute the project in our AWS environment.

### **Deliverables:**

- Your scripts should take care of all steps of the deployment process except installing CLI tools.
- Your scripts should be committed to a GitHub repository and the link should be sent to us. We will check out your scripts and run them.
- Scripts can be written in any common language (JS, Python, Unix/Linux shell script, etc..). Mention your language in the readme.
- You also need to leave instructions on how to run your project in our AWS environment.

### **Important:**

- You will be given credentials to an AWS account. Make sure you delete whatever resources you create.
- This AWS account is a shared account so make sure you don't delete whatever is not created by you.
- Your access to the AWS account will expire in 3 days.