

## **Solution Engineer Trainee Problem statement**

Dear Candidate,

Immense thanks for your interest in the position of Solution Engineer Trainee at AccuKnox.

Immense congrats! you have made the initial screen. The next step in the process is completing a few Technical Problems (attached).

### **Problem statement-1**

Pick 2 of these 5:

Develop 2-5 slide PPT on:

1. Top 5 Kubernetes Security attack vectors
2. Compare and contrast Security Services provided by AWS vs Azure
3. Difference between Falco and KubeArmor
4. Difference between Kyverno and OPA (Open Policy Agent)
5. Approaches to mitigating API security threats

You should be able to do a 10 min presentation on this (5 mins, 2-5 slides on each subject).

### **Problem Statement-2**

\* Deploy a local k8s cluster (using minikube, k3s, or anything else) and deploy the DVWA application. Showcase/demo 3 attack surfaces as mentioned in its documentation.

Expected output:

1. Sample k8s setup
2. Demo/Execution of the attack vectors.

If you have any questions, please feel free to reply.  
Looking forward to hearing from you. Keep safe.

Thanks  
HR Team  
AccuKnox

