Technical Questions (Senior SRE)

1. Why DevOps? Why you switched from your previous job to DevOps?

2. What is most complex solution you have written in Python. How comfortable you are with Pyhon?

3. You mentioned you managed network infrastructure.

Where there was? What services and what component you were managing.

4. What was your K8s experience?

5. Let's say we have a container or a pod definition, if you need to execute a script before the main container started in a pod how would you do that? (init container)

6. We have different kind of deployments to k8s \*\*statefulset meaning?\*\*

7. Do you know precedure how to logging pod?

8. How to get to logs in K8s?

9. Have you heard of security process on K8s?

10. What is your Jenkins pipeline experience declarative or scriptive?

11. In this pipeline, have you used scm or jenkins registry?

12. How do you run a specific branch in Jenkins? Manual execution? Pr builds?

13. Server Database is down. You accept the alert then you ping the IP and it respods. Do you have any idea what could be the reason?

14. How does Prometheus obtain data from the hosts?

15. Tell me about the least privilages princible from security point of view?

16. What is difference between UDP/TCP-IP?

17. Do you have exprience writing playbooks in Ansible?

18. Can you tell me the difference between playbook and roles in ansible?

19. Can you tell me the process of contributing remote repository?

20. Tell me difference between squash merge and merge in git?

21. Tell me difference between rebase and merge in git?

22. What is your favorite tools while you are doing your job? For instance text editor? Do you have experience with vi editor?

23. How much actual experience you have using technologies like Terraform, Ansible and Python?

24. When you are running Terraform as an IAC how does Tf knows what to do?

25. Is terraform statefile a local file?

26. Have you done any container building?

27. Do you know the difference between ECS and EKS?

28. When you building docker file what is the difference between ARG and ENV?

29. What is difference between CMD and ENTRYPOINT?

30. What are the two differents way of inject pod? How to configure you pod? (env var, configmaps, secrets)

31. Have you used templating tool like Helm chart?

32. What is your biggest messed up and how you fix it?

33. What is DevOps to you?

34. Have you used any CI/CD pipeline? Familiar with Groovy?

35. Why you choose DevOps as career?