1. What are the top DevOps tools you have used along with purpose?

The top Devops tools I have used along with the purpose are Jenkins for continuous deployment and continuous integration , Dockers for the containerization , AWS elastic beanstalk , Basic of Ansible for Automation. Currently I am learmimg kubernetes . I am at the mid of the course of kubernetes.

1. Write brief explanation on proud moment you have done in software industry as a developer or devops. You can include the architecture you have designed, any challenging problem solved which had been your headache?

I am a fresher and I have just graduated this month .I joined Fusemachines few months back as system admin trainee . The tasks were given to me by my supervisor and I have done all my task with myself through researches , Thanks to Stakover flow , digitalocean, Techadim and many more websites . For me this is my proud moment from a few months back to today.

1. Explain software development life cycle in a brief paragraph in not more than 10 sentences?

Software Development life cycle is the combinations of different phases of the development of the software. Generally there are five phases

* Analyse user requirements
* Design the program
* Code the program
* Document and test the system
* Operate and maintain the system

There are different model designed for the Software development life cycle. Each model have the own advantages and drawbacks. Some of the models are given below:

* Waterfall model
* V shaped model
* Incremental model etc

1. You have two VPCs in AWS:
   * One vpc has rds in private subnet
   * Another vpc has an EC2 instance in public subnet

How do you connect to rds from EC2 instance? You can explain it on a diagram?

When your DB instance is in a different VPC from the EC2 instance you are using to access it, you can use VPC peering to access the DB instance. A VPC peering connection is a networking connection between two VPCs that enables you to route traffic between them using private IP addresses. Instances in either VPC can communicate with each other as if they are within the same network. You can create a VPC peering connection between your own VPCs, with a VPC in another AWS account, or with a VPC in a different AWS Region.

