***Architectural Overview***

- Opted for modularised approach and developed entire IaaC with Terraform.

- Different modules

1. **main.tf** - contains "provider" resource and other details to access AWS. Also, all other modules are being referenced here.

2. **network\_module.tf** - contain entire network setup which include - VPC, Route tables, Subnets, Internet Gateway etc.

3. **sg\_module.tf** - contain security group set-up for ALB and web application. Mentioned "ALB SG" as source in "Inbound Rule" to accept traffic only from ALB.

4. **ec2\_module.tf** - EC2 instances\servers are created here and attaching them to appropriate subnets. Also, passed custom script to install Apache web server.

5. **alb\_module.tf** - created ALB, Target Group, Listener etc. And register the targets as well.