**Microservices\_Interview\_Questions**

**Q1) How the microservices are communicating each other**

**A)** Via API gateway through rest API

**Q2) Difference between Monolithic and Microservice application**

**A) Monolithic:** If all the functionalitiesof a project exist in a single code base, then that application is called as monolithic application.

**Microservices:** It is architectural development style in which the application is made up of smaller services that handle a small portion of the functionality and data by communicating with each other directly by using light weight protocols like HTTP.

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| **Monolithic** | **Microservice** |
| it becomes too large time and hence, difficult to manage | It is easy to manage as it is relatively smaller |
| We need to redeploy the whole application, even for small changes | If there’s any update in one of the microservice, then we need to redeploy only that microservice |
| As the size of the application increase, it’s start-up and deployment time also increases | Microservices are self-contained and hence deployed independently. There start-up and deployment time are relatively less |
| Even if a single part of application facing a large load/traffic, we need to deploy the instance of the entire application in multiple servers | If particular microservice is facing a large load because of the users using that functional in excess, then we need to scale out that particular microservice only |
| It is not very reliable as a single but in any module can bring down the entire monolithic application | If a particular microservices goes down due to some bug, then it doesn’t effect other microservice and the whole system remains intact and continues providing other functionalities to the users. |