

## **Deploying my application on Azure Paas Service**

My application is FlightBookingSystem. I have used .net core for backend, angular for frontend and Sql server for database.

- For deploying application into azure, we need subscription. Login into azure portal and create services.
- Create a resource group under which we create our resources

### **Step 1: Deploying Sql database into Azure**

- Create a SQL Database service under existing resource group by giving required details such as database name, server name, storage space etc.
- While creating server, create credentials for Sql authentication.
- Then Open SQL Management Studio and open the local DB.
- Export data from local server and save with .bacpac extension in the local disc.
- Login to SSMS with existing azure server link by giving credentials of SQL authentication.
- Then import bacpac file into azure server.
- Local server tables will be updated in azure server.

### **Step-2: Creating App Service for deploying API**

- Next, we need to create an App Service in azure.
- Create App service using the technology stack i.e. LTS 14
- Then open Visual Studio and publish into azure service.
- Configure existing azure database and select required db and publish.
- Then Web api is deployed into azure

### **Step 3: Creating App Service for deploying Angular/Frontend**

- For Deploying Angular we need to create an App Service in azure.
- In Azure the App service is created using the technology stack as used for creating the Angular (Node Version).
- After Opening Visual Studio Code, the base URLs are changed as per the API URL in Azure.
- In terminal type “ng build configuration=production”. A “dist” folder will get created.
- Next Deploy the “dist” folder in Azure App service created for Angular.