Introduction to Cloud Back-end Services

Popular Cloud mobile back-end services

1- AWS Amplify

Key Features:
- **Authentication:** It uses Amazon Cognito for authentication (user signup and sign-in)
- **Data Storage:** Uses DynamoDB which provides scalable No SQL database.
- **API integration:** AWS AppSync enables smooth communication between your app and back-end
- **Hosting:** CI/CD Hosting allows you to deploy and host your app efficiently.

2- Heroku

Key Features:
- **Ease of Deployment:** Developers can deploy app through command lines or Git.
- **Add-ons:** Offers Databases, caching and monitoring tools.
- **Scalability:** Scale apps with additional resources.

3- Backendless

Key Features:
- **Data Management:** Supports both relational and NoSQL databases and allows developers to create, delete, retrieve and update data.
- **User Authentication:** Recover passwords and provide access based on the roles.
- **Real-time Database:** Sync data automatically when changes occur and ideal for live apps.

- **File Storage:** Allows developers to manage images, documents and videos on the cloud.
- **Push Notifications:** Allows developers to send notification based on activity preferences.
- **API integration:** Create and manage custom REST APIs.

4- Progress Kinvey

Key Features:
- **Data Storage:** Supports both SQL and NoSQL databases.
- **Mobile Back-end services:** User authentication, File Storage and Push notifications.
- **Integration Capabilities:** Integrate with enterprise system via APIs and connect apps to various data sources.
- **Serverless Functions:** Enable Developers to run back-end logic with server management.
- **Offline data sync:** Store data offline and sync when online.

Other Popular ones

5- **Firebase**
6- **Google Cloud Platform**
7- **Microsoft Azure**