

An Application consists of Front End & Backend Services development,

Frontend development is application designing and programming with a focus on the **visual elements of a software, website, or mobile app**. This is the part of the software solution that an end-user interacts with.

Backend development is focused on the server-side of software, website, or mobile app that a typical end-user may never see or use. The backend provides critical support in the form of **providing data, verification, authentication, security, and other services**.

Backend Developer

Back-end developers ensure the website performs correctly, focusing on databases, back-end logic, **application programming interface (APIs)**, architecture, and servers.

Back-end developers collaborate with front-end developers, product managers, principal architects, and website testers to build the structure of a website or mobile app. Back-end developers must be familiar with many kinds of tools and frameworks, including languages such as Python, Java, and Ruby. They make sure the back-end performs quickly and responsively to front-end user requests.

Definition, Objectives & Skills of Frontend & Backend developer:

The term frontend refers to the user interface (UI). It is concerned with the effective implementation of the graphical user interface and visual components of a mobile app.

Backend means the server, application, and database that work behind the scenes to deliver relevant information to the users.

A front-end developer has the goal of building an easy-to-use interface to let the users effectively use the product. They ensure that the app is responsive and accessible on all target platforms.

The goal of a backend developer is to create a software solution to support the frontend. It supplies many services and supports it with updated data. It must also ensure that the app is secure, and the data in it is processed properly.

Frontend development requires a combination of technologies such as Hypertext Markup Language (HTML), JavaScript (JS), and Cascading Style Sheets (CSS).

To code applications in the backend, knowledge of programming languages like Ruby on Rails, Python, PHP, Java, C#, and ASP.net is required.

Mobility Services

Mobility Services means the Services and/or capabilities provided to, and for, personal handheld End User Computing Equipment (i.e., mobile phone), digital tablets, or wearable digital devices to access and/or interact with Customer Data.

Roles & Responsibilities of a backend developers in mobility services ,

Creating web application programming interfaces (APIs) which can be used by front end developers.

Creating & Maintaining backend databases or servers where data can be stored and used for APIs.

Maintaining legacy applications (older applications that have already been built by other programmers).

Troubleshooting & Bug fixing where the application interfaces or services are broken.

Collaborating & attending meetings with the stakeholders, front end developers, principle architects etc.

References :

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