

APLICACIONES WEB

BackEnd

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¿What is The BackEnd?

Back-end web development, also known as "server-side" development, refers to the part of a web application that is not visible to the user. It handles the logic, architecture, and data management of the website, including: [1]

Processing requests: Receiving and processing user requests through the interface.

- **Accessing data:** Interacting with databases to store, retrieve, and modify information.
- **Business logic:** Implementing the rules and processes that define how the application works.
- **API communication:** Interacting with other web services to get or send data.
- **Security:** Protecting the application from unauthorized access and vulnerabilities.



Features: [2]

- **Invisible functionality:** The back end is not visible to the user, but it's crucial for the website's operation.
- **Complexity:** Back-end development can be more complex than front-end, requiring programming and data management knowledge.
- **Technology variety:** A wide range of programming languages, frameworks, and tools are available for back-end development.

- **Scalability:** The back end must be able to handle high traffic volume and users.



Uses: [3]

- **Dynamic websites:** Allows creating websites that interact with users and offer a personalized experience.
- **Online stores:** Manages the purchase process, from product selection to payment and delivery.
- **Web applications:** Implements the logic and functionality of web apps.
- **APIs:** Creates APIs for other applications to access its data and features.



Importance:

Back-end web development is essential for building robust, scalable, and secure web applications. Without a strong back-end, the website wouldn't function properly or offer a good user experience.