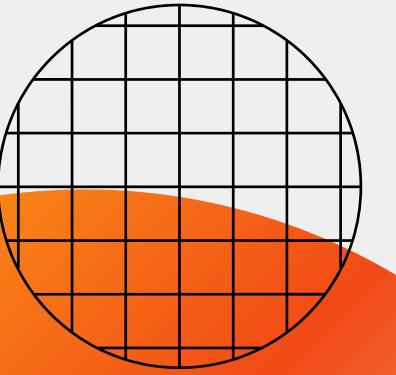


Let's Start

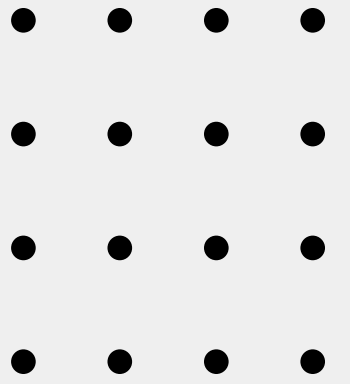
# What is front-end development?



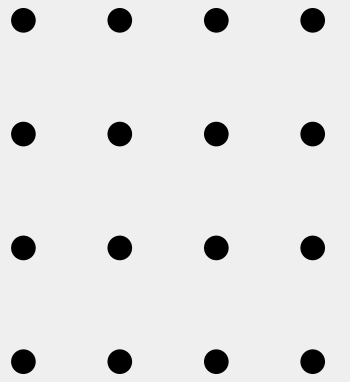
# Front-end development?

Front-end development refers to the process of creating the user interface and user experience of a website or web application. It involves designing and implementing the parts of a website or application that users interact with directly. This includes everything that users see, touch, click, and interact with on the screen.

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# Who is front-end developer?



Front-end developers are in constant communication with designers, back-end developers, and other stakeholders involved in the development process. They should also be aware of the latest trends and best practices in web development to create modern and responsive user interfaces.

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# Technologies

Front-end development often involves using technologies such as:



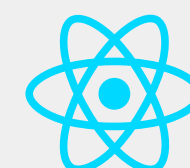
HTML



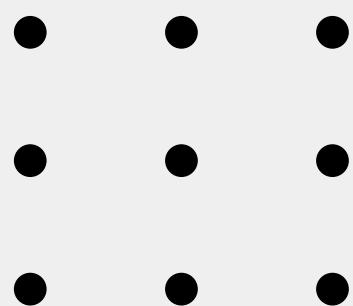
CSS



JS



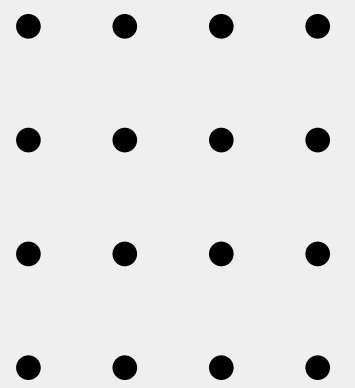
Framework/Library



# What is SEO in web development?

SEO stands for Search Engine Optimization. In the context of web development, SEO refers to the practice of optimizing a website to improve its visibility and ranking on search engine results pages (SERPs). The goal of SEO is to increase organic (non-paid) traffic to a website by improving its relevance, authority, and user experience in the eyes of search engines like Google, Bing, and Yahoo.

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# Fundamentals of front-end development?

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**HTML**

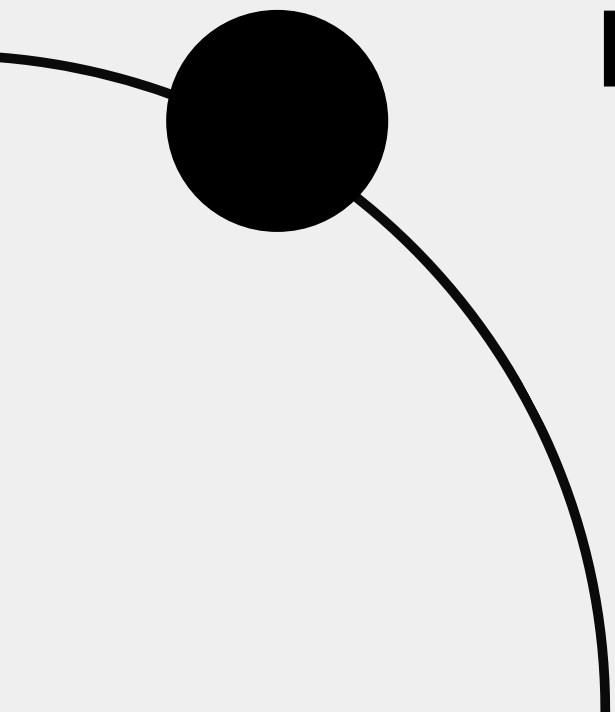
**CSS**

**JS**

**Responsive Design**

**Cross-Browser  
Compatibility**

**Basic Design Principles**



## Strategy 1

Keyword Research

## Strategy 2

Website Structure and  
Navigation

## Strategy 3

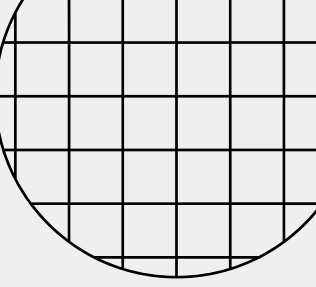
Mobile-Friendliness

## Strategy 4

Page Speed



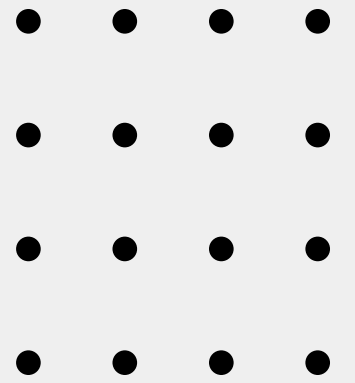
# Search Engine Optimization



# What is back-end development?

Back-end development refers to the process of creating the server-side logic and functionality of a website or web application. While front-end development focuses on the user interface and client-side interaction, back-end development involves working with server-side technologies and databases to manage and process data, handle user authentication, and perform other server-side operations.

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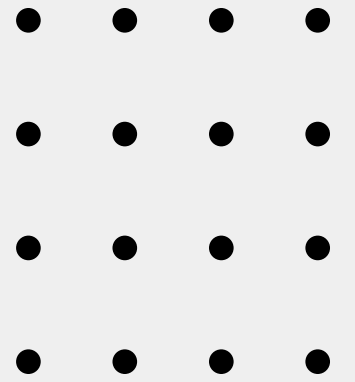




# Who is back-end developer?

A back-end developer is a type of software developer who specializes in building and maintaining the server-side logic and functionality of websites or web applications. Back-end developers focus on writing code that runs on the server and interacts with databases, external services, and other back-end components to handle data processing, user authentication, business logic, and other server-side operations.

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# Technologies

Back-end development often involves using technologies such as:



PYTHON



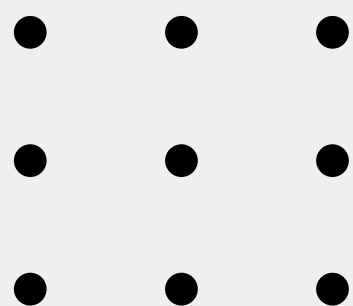
SQL



API



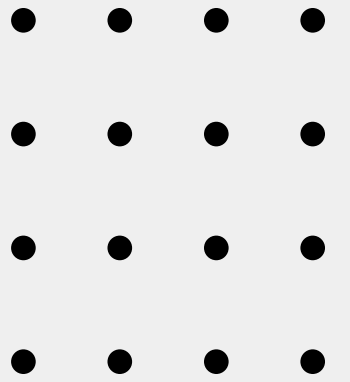
Framework/Library



# What is database & how it works?

A database is a structured collection of data that is organized and stored in a way that allows for efficient retrieval, management, and manipulation of data. It serves as a centralized repository for storing and managing information, making it easier to access and work with data for various applications and purposes.

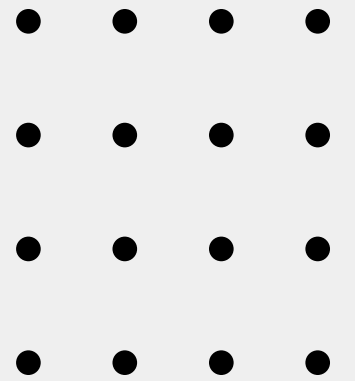
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# What is API?

API stands for Application Programming Interface. It is a set of rules, protocols, and tools that allows different software applications to communicate with each other. APIs define how software components should interact and enable developers to access the functionality of another application or service programmatically, without needing to understand its internal workings.

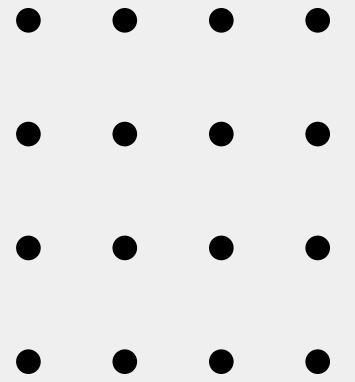
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# What is SQL?

SQL stands for Structured Query Language. It is a standardized programming language used for managing relational databases. SQL allows users to perform various operations on databases, such as querying data, inserting, updating, and deleting records, creating and modifying database schemas, and managing permissions and security.

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End

# Thank you

Do you have any questions?

