

# What is an API?



- API = Application Programming Interface.
- It allows two applications to talk to each other.
- Acts as a bridge between frontend and backend.



# What is a REST API?



- REST = Representational State Transfer.
- It is a type of API that follows certain rules.
- Uses HTTP methods like GET, POST, PUT, PATCH, DELETE.
- Simple, scalable and stateless communication.



# What is GET, POST, PUT, PATCH, DELETE?





- GET: Used to read or fetch data.
- POST: Used to create new data.
- PUT: Used to update existing data completely.
- PATCH: Used to partially update existing data.
- DELETE: Used to remove data.



# Importance of REST API





- Organizes how clients interact with your server.
- Keeps code clean, structured and reusable.
- Makes your backend work like a service.

