

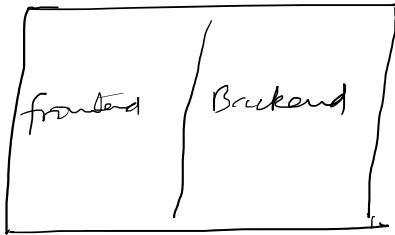
. Overview

09 May 2025 23:36

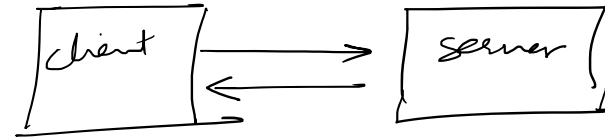
- What is REST API?
- Why / Benefits.
- Building Blocks
 - URL
 - Methods
 - Headers
 - Request
 - Response
 - Status code
- Build APP
- Postman
- HTTP 1/2/3
- Best practices
- Advance

2. Architecture

10 May 2025 01:07



1-tier Arc.



2-tier Arc.



3-tier Arc.

API → Application programming Interface.

It is a set of rules and protocols that allows one piece of software/system to communicate with another.

- REST → Representational State Transfer

API that follows the rules of REST is RESTful API.

Built on top of HTTP.

Benefits of Rest

→ Ease of use.

→ Stateless (maintain no state)

→ Scalability

→ flexibility with Data

→ Ease of Testing

→ Security

→ uniform Interface

→ Caching.

→ Separation of concern

frontend → JS { nodejs

Backend → any

→ Interoperability - language agnostic