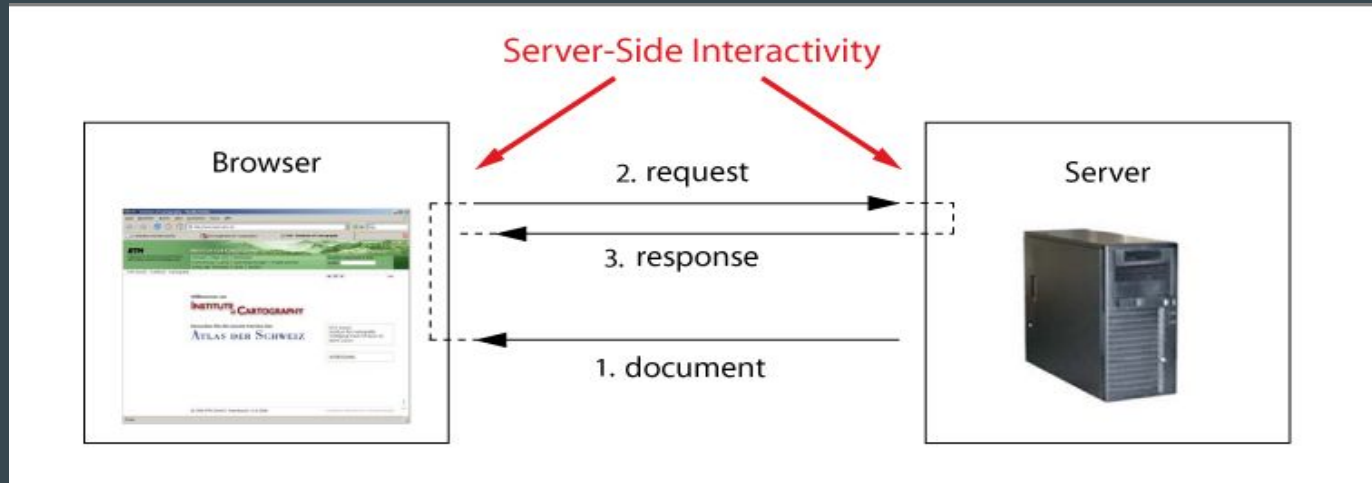# Web

...

Summary brief of today

- Introduction
- Back end and Front end
- What is Nodejs
- Hello world app
- Npm
- Host your CI Project in local
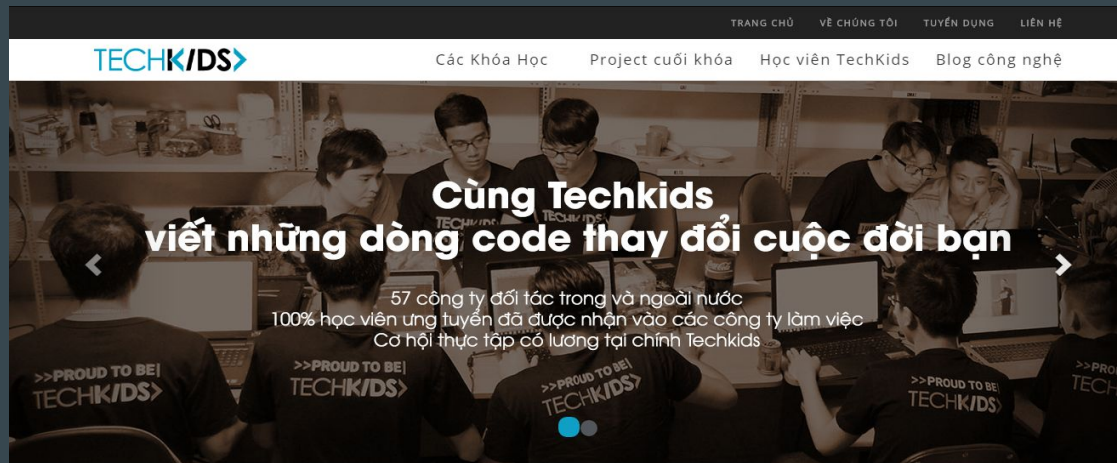
Introduction

- A collection of web page

- It has client-side and server-side

Server-Side Interactivity

Browser

Server

2. request

3. response
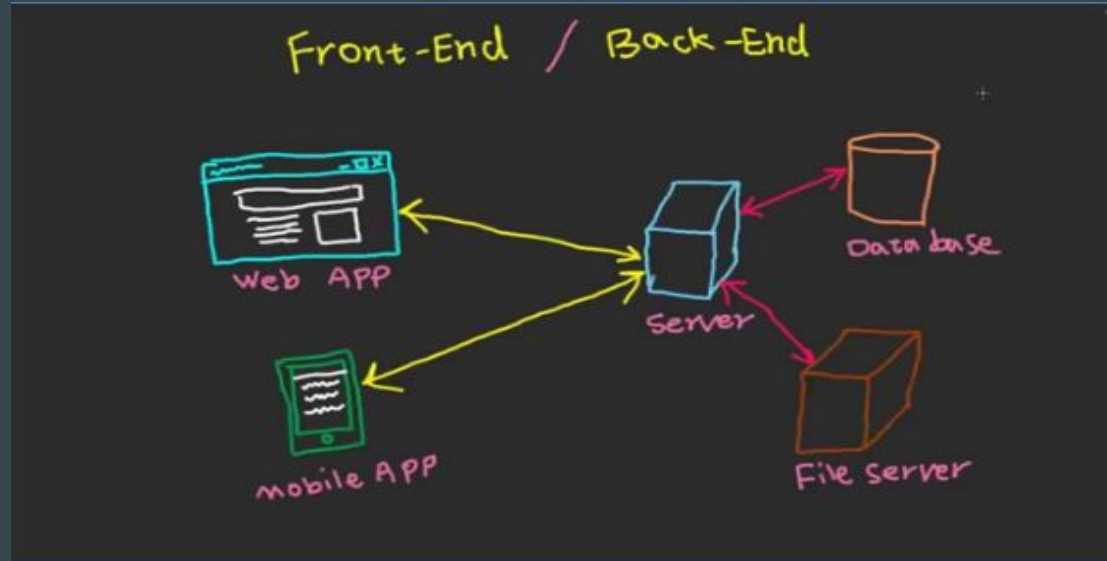
1. document

Front end

The part of the web that you can see and interact with :

- Web design
- HTML, CSS, Javascript

Back end
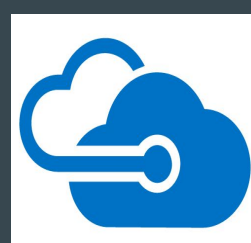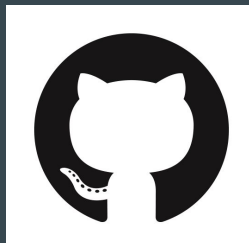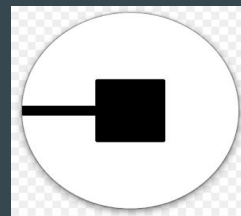
- Server
- Application
- Database

Node.js

Node.js® is a JavaScript runtime built on Chrome's V8 JavaScript engine.

- Javascript, Server-Side
- Really fast (dev and performance)
- Npm (Node package manager)

Top website build by Node.js

First app

- Hello world
- Readfile
- Require :
+ Major nodejs
+ Your own file
+ Third party library : Npm install

Npm

- Node package manager
- Basic command :
+ Npm init (set up npm trong file package.json)
+ npm install <tên package> (cài đặt 1 hoặc nhiều node modules, nếu không điền tên thì sẽ mặc định cài những thư viện trong file package.json).
- Additional parameter :
+ -g : cài đặt global cho máy
+ --save : save package vào dependencies