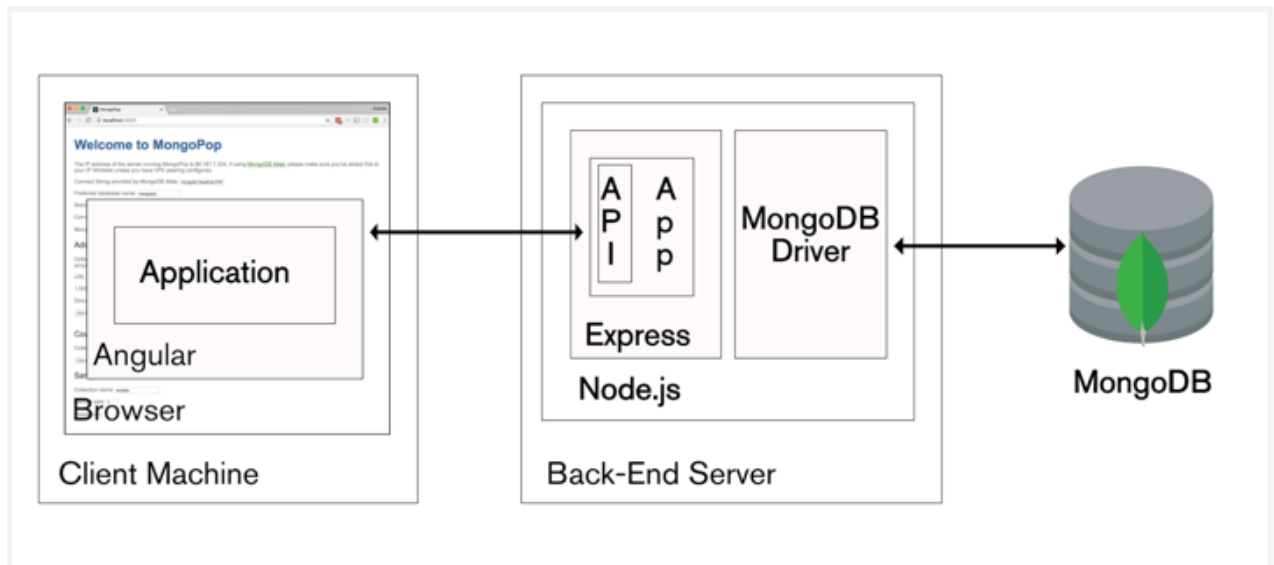# NODE JS



## 1. <u>Prerequisite</u>

<u>Node JS</u>, <u>Postman</u>, <u>Git</u>, <u>MongoDB compass</u>

## <u>What is Node.js?</u>

- Node.js is an open source server environment
- Node.js is free
- Node.js runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- Node.js uses JavaScript on the server

## 2. <u>Basic ECMAScript concept</u>

**Ex :** Arrow function, Destructuring Object , Destructuring Array, Promise

**F**or this file please check  : **ecma.js**

# 3. <u>HTTP Method</u> & <u>Status Code</u>

## a. <u>Method</u>

| HTTP method | Resource URI | Description |
|---|---|---|
| GET | /users | gets a list of users |
| GET | /users/1234 | gets a user identified by '1234' |
| POST | /users | creates a new user |
| PUT | /users/1234 | updates a user identified by '1234' |
| DELETE | /users | deletes all users |
| DELETE | /users/1234 | deletes a user identified by '1234' |

## b. <u>Status Code</u>

## [HTTP response status codes](#)

HTTP response status codes indicate whether a specific HTTP request has been successfully completed. Responses are grouped in five classes:

1. Informational responses (100–199)
2. Successful responses (200–299)
3. Redirects (300–399)
4. Client errors (400–499)
5. Server errors (500–599)

**Example** : of some popular Status Code

- ❖ **200 => Success**
- ❖ **404 => Not Found**
- ❖ **500 => Internal Server Error**

# 4. Basic of NodeJS

For this file please check  : **node.js** and **node2.js**

# 5. CRUD using ExpressJS

For this file please check  : **express.js**

# 6. CRUD using Axios

For this file please check  : **axios.js**

# 7. Other Resources

Github : [Link](#)
Postman : [Link](#)