ALL ABOUT API CALLS
NODE JS + FIREBASE

"What does a cannibal say to a waiter on a cruise ship?"
"Please bring me the passenger list"

"Big Question"

When you 'wait' for a waiter in a restaurant, aren't you a waiter?

People also ask

What are the 5 things a waiter must have?

Top 7 Qualities and Skills of a Good Waiter

- Skill #1: Active Listening. ...
- Skill #2: Sharp Memory. ...
- Skill #3: Attentiveness. ...
- Skill #4: Flexibility. ...
- Skill #5: Positive Attitude. ...
- Skill #6: Ability to Hustle. ...
- Skill #7: Multi-Tasking. ...
- Start Your Job as a Server with Food Handler Training.

Jan 29, 2020

About 1,170,000 results (0.51 seconds)

The duties and responsibilities of a Waiter/Waitress include welcoming and seating guests, taking guest orders, communicating them effectively to the kitchen and in addition, memorizing the menu and offering recommendations to upsell appetizers, desserts, or drinks.

Workable
https://resources.workable.com › waiter-or-waitress-job-d...

Waiter/Waitress job description - Workable resources

About featured snippets • Feedback

Frequently asked questions

What does a Waiter/Waitress do?

A Waiter/Waitress ensures a great dining experience for guests through attentiveness and excellent customer service. They provide detailed menu information and multi-task with various front-of-the-house duties, including collecting payment.

What are the duties and responsibilities of a Waiter/Waitress?

The duties and responsibilities of a Waiter/Waitress include welcoming and seating guests, taking guest orders, communicating them effectively to the kitchen and in addition, memorizing the menu and offering recommendations to upsell appetizers, desserts, or drinks.
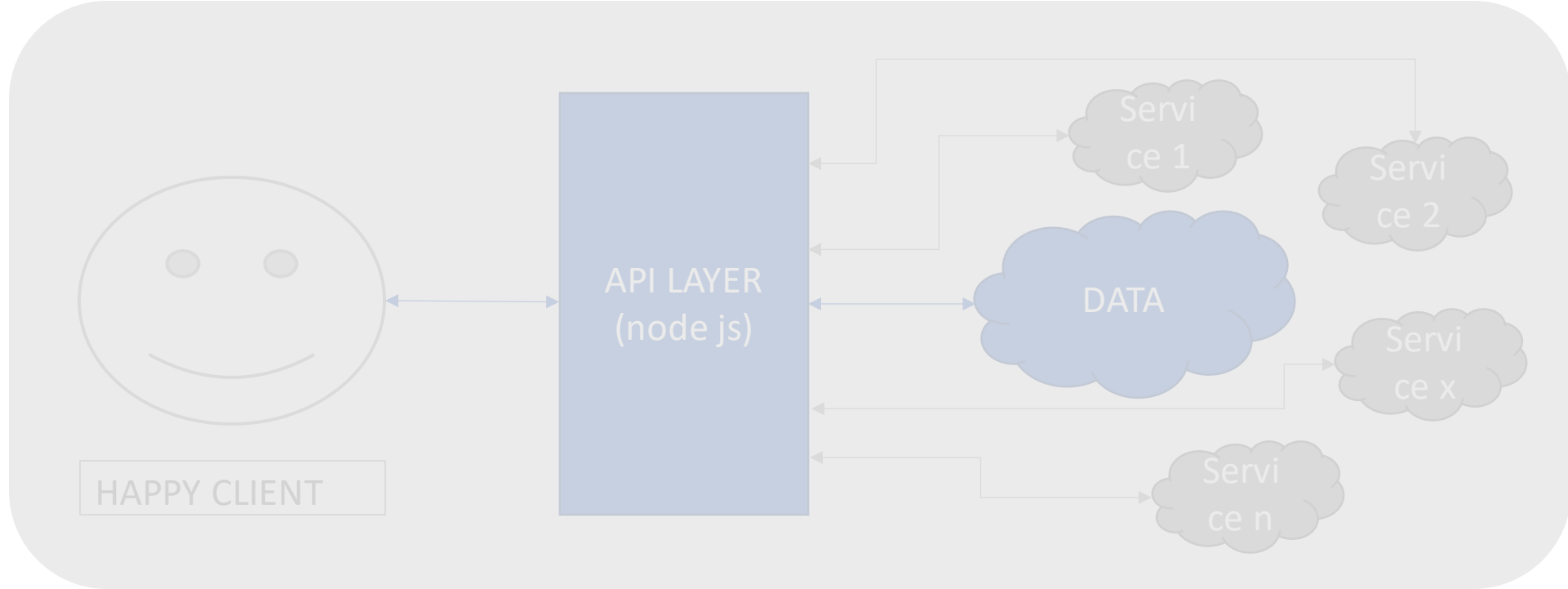
What makes a good Waiter/Waitress?

A good Waiter/Waitress will have a friendly and patient personality. They must make quick decisions and have great interpersonal skills. Attention to detail and excellent multitasking skills are important.

Who does a Waiter/Waitress work with?

Waiters/Waitresses frequently work with other servers and maintain positive interactions with guests daily. They can report to a Shift Leader or various levels of management depending on the dining outlet.

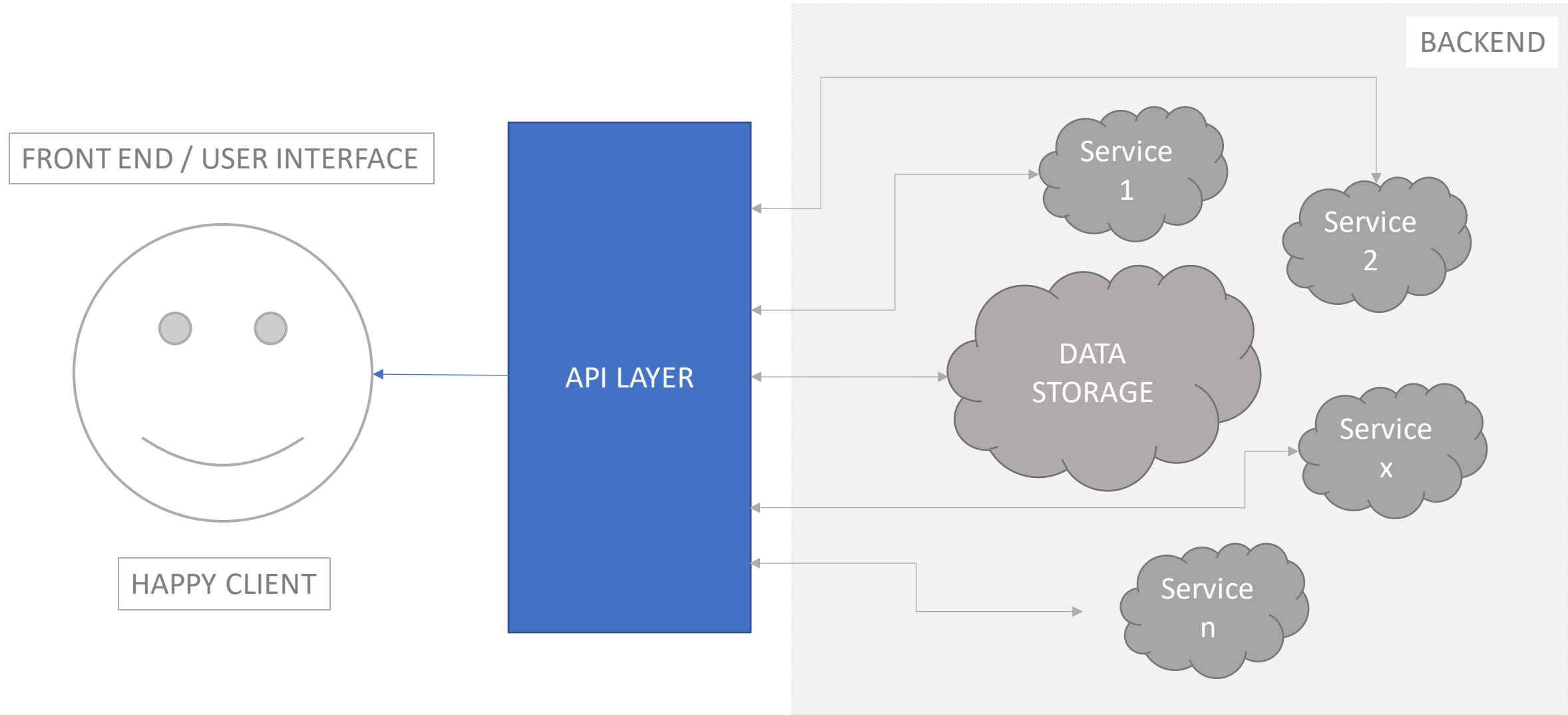# THE BUILDING BLOCKS OF A SOFTWARE APPLICATION

Ordering food

Waiters who serve the food

The Kitchen

Code and Coffee – Node JS + Firebase Workshop 3rd June 2023

MULTI TIERED ARCHITECTURE

EXAMPLES

7. The Pokemon API

The **Pokemon API** is a simple **API** for **Pokemon** characters, abilities, moves, etc. It has numerous endpoints for various purposes, for example: fetching characters, abilities, etc.

https://pokeapi.co/

6. Random Data API

Random Data API is a service that provides you with random data. It is similar to **JSON Placeholder**, but provides random data, unlike **JSON Placeholder**, which delivers static data and has a few more data categories like Banks, Credit Cards & Beers up its sleeve.

https://random-data-api.com/

TECHNOLOGIES USED FOR THE DEMO

- JavaScript

- Node JS An asynchronous event-driven JavaScript runtime, Node.js is designed to build scalable network applications

- NPM Node Package Manger, does all the dirty work of handling libraries for you

- Cloud Fire store: Cloud hosted databased managed by Google

- Postman: API Tester (Client in our example)

- VS Code: Integrated Development Environment (IDE)

NODE JS

Asynchronous, event driven, JavaScript runtime

- Interface between the UI and other services running as part of the larger software

- Define end points (addresses) to which users can send a request, in order to perform any given task

Sample tasks

- Fetch data from a data base

- Post / update an entry in the data base

- Upload / delete files in a different server

Libraries:

- Express (request routing)

- fs (file system operations)

◉ FIREBASE / CLOUD FIRESTORE

Firebase is the **app development platform**

backed by google

Features

- NoSQL Database

- Data structured in hierarchies

- Apply filters and conditions while querying data

- **Realtime updates from the database!**

- And a lot of add-ons like analytics, user authentication …

Cloud Firestore is the **actual cloud database**

service

What does it mean ?

- No schemas and tables

- Think of it like a JSON data structure

  collection:{document : {fields}}

- You can still implement constructs like

  'where' , 'order by' , 'limit' , so on so forth

- The data base pushes notifications whenever

  you add, update or delete a document or a collection

APPLICATION PROGRAMMING INTERFACE (*API*)

HTTP – The protocol that governs security and communication standards

HTTP defines these standard status codes that can be used to convey the results of a client's request. The status codes are divided into five categories.

• <u>1xx: Informational</u> – Communicates transfer protocol-level information

• <u>2xx: Success</u> – Indicates that the client's request was accepted successfully

• <u>3xx: Redirection</u> – Indicates that the client must take some additional action in order to complete their request.

• <u>4xx: Client Error</u> – This category of error status codes points the finger at clients. ***Eg: Error 404 Page not found :(***

• <u>5xx: Server Error</u> – The server takes responsibility for these error status codes

R E S T: - Governs the structure in which the APIs are designed

CODE DEMO

Questions ?

GitHub Repo Link

Feel Free to reach out!