Tell Me About a Project

WEB DEVELOPMENT

How to Choose **A Project?**

- Exciting!
- Impressive
    - Library/technology
    - Algorithm
    - Idea
- Fit the job technologies
- You know the project end to end
- Big and complexed.
    - Interesting design and architecture

Basic **Phases**

- Describe the product
- Architecture + technologies
- Flow
- Challenges
- What I have learned
- Plans for the future

Example: Weather App

Describe **the Product**

2 things to remember:

- High level
- Product point of view
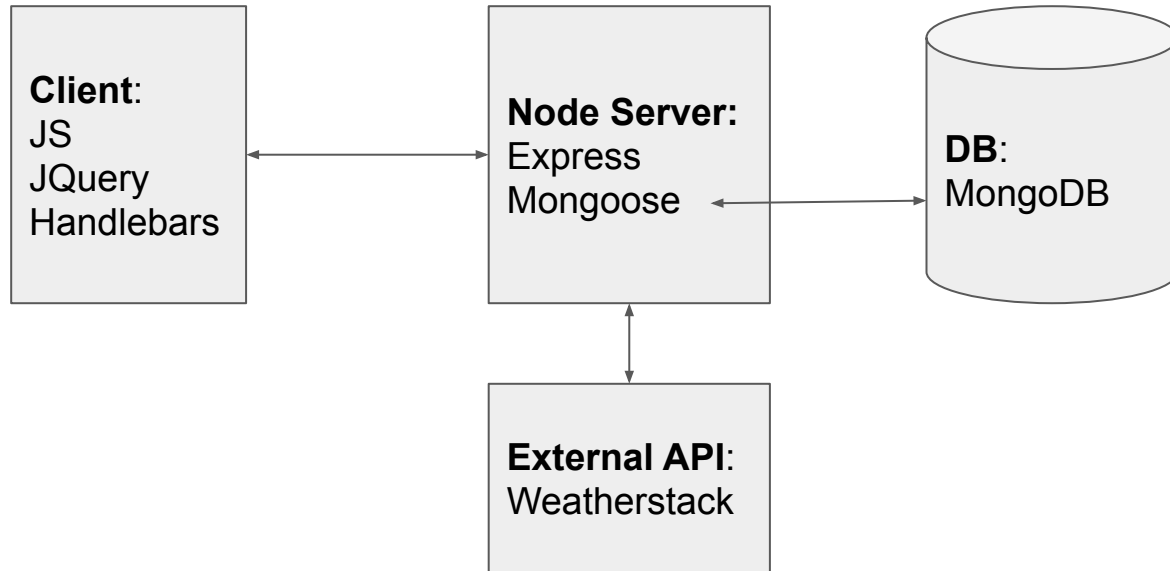
Describe **the Product**

This is a full-stack web application that presents the weather forecast of cities according to the user choice.
The user can also save specific cities saved in his list.

Architecture **and Technologies**

- Top bottom approach
- Draw the architecture live
- Get feedback from the interviewer to know how deep to dive

Architecture **and Technologies**

Client:
JS
JQuery
Handlebars

Node Server:
Express
Mongoose

DB:
MongoDB

External API:
Weatherstack

Architecture **and Technologies**

In case you are asked to elaborate you can explain the architecture of each component.

For example, in the DB case describe the collections or tables. You should also state why you chose relational or nosql

DB:
MongoDB

City Schema:
name: String,
updatedAt: Date,
temperature: Number,
condition: String,
conditionPic: String

Flow

- Flow
  - Explain the flow of the app with an example

For example we can explain the flow of searching for a city weather.

Challenges, or what is my strength?

- Explain what the challenge was
- Be specific
- What was the good quality that helped you overcome the challenge?

Your Time to Shine

Example
- The challenge was working with an external API. The documentation was very short and not clear.
- In order to overcome the challenge I **investigated** the web and searched for usage examples in other projects. I read three projects until I figured it out, but I am not afraid of **hard work** and I was **determined** to find a solution.

What do **You Think?**

- Challenges?
- What I have learned?
- Plans for the future?

More

- Challenges:
    - Working with external API
- What I have learned:
    - The flow of a full stack app.
    - Work with tasks
    - MVP
- Plans for the future:
    - Add a refresh button to update the city weather
    - Add autocomplete for the city search

Prac**tice**

Try it yourself!