
Hello Django

A two-day hands on workshop on Django

Final app Demo

The image shows the silhouettes of several people sitting at a table in a dimly lit room, looking out a large window. Outside the window, a cityscape is visible, featuring a prominent domed cathedral, likely St. Paul's Cathedral in London. The scene is captured in a dark, moody style with the interior lights being off, emphasizing the city view and the silhouettes of the people.

Why?

- Easy (visual medium).
- It's everywhere.
- ++opportunities;
- Hackathons.
- Freelance.
- Projects.
- Goes on...

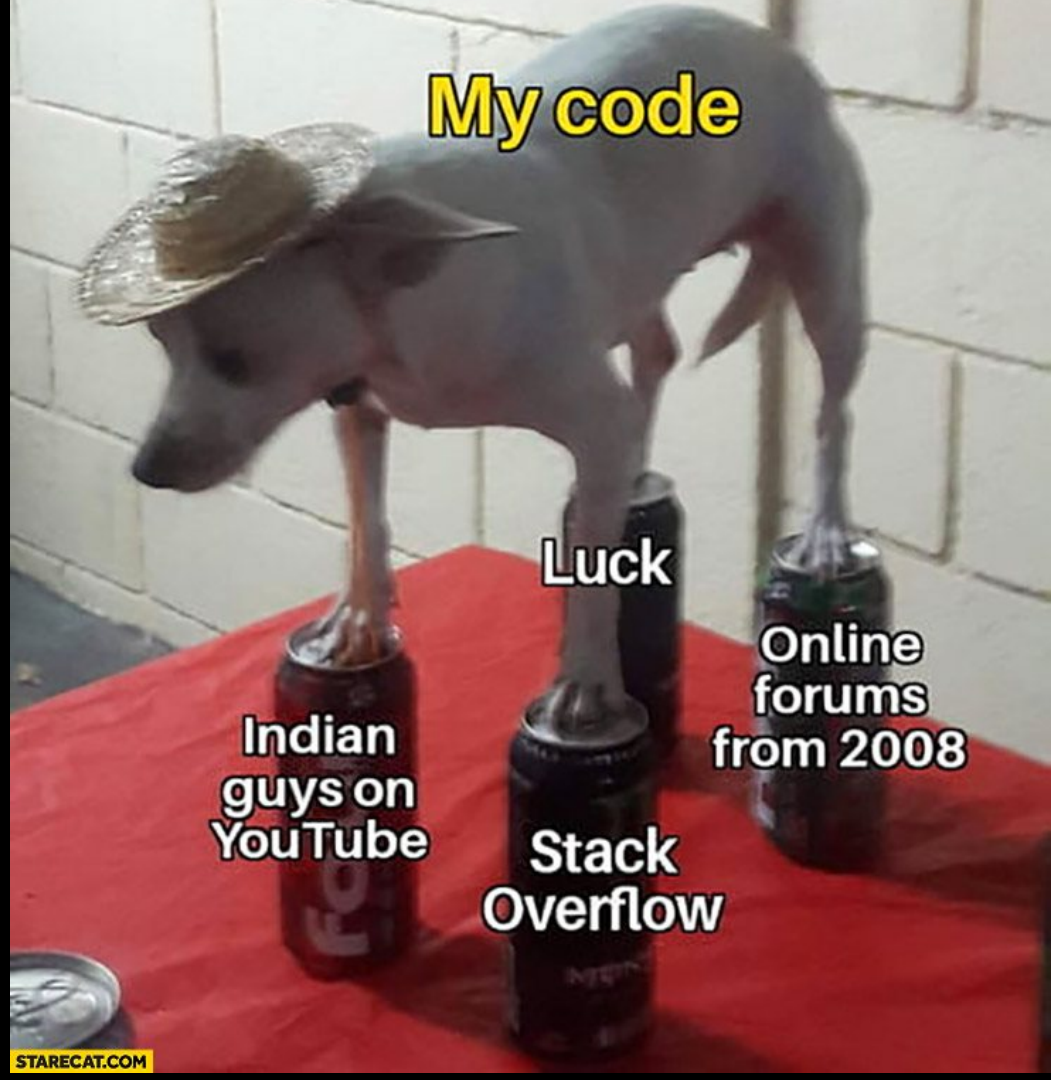


Why not X?

- A good starting point (high level).
- Easy.
- Secure.
- Batteries-included (feature packed).
- Less dev time.
- Does it really matter?



**Concept
matters!**



A group of people are silhouetted against a large window, looking out at a city skyline. The most prominent building in the background is St. Paul's Cathedral, with its large dome and classical architecture. Other buildings of varying heights and styles fill the rest of the view. The scene is dimly lit, with the primary light source being the natural light from the window, which creates the silhouettes of the people in the foreground.

Questions?

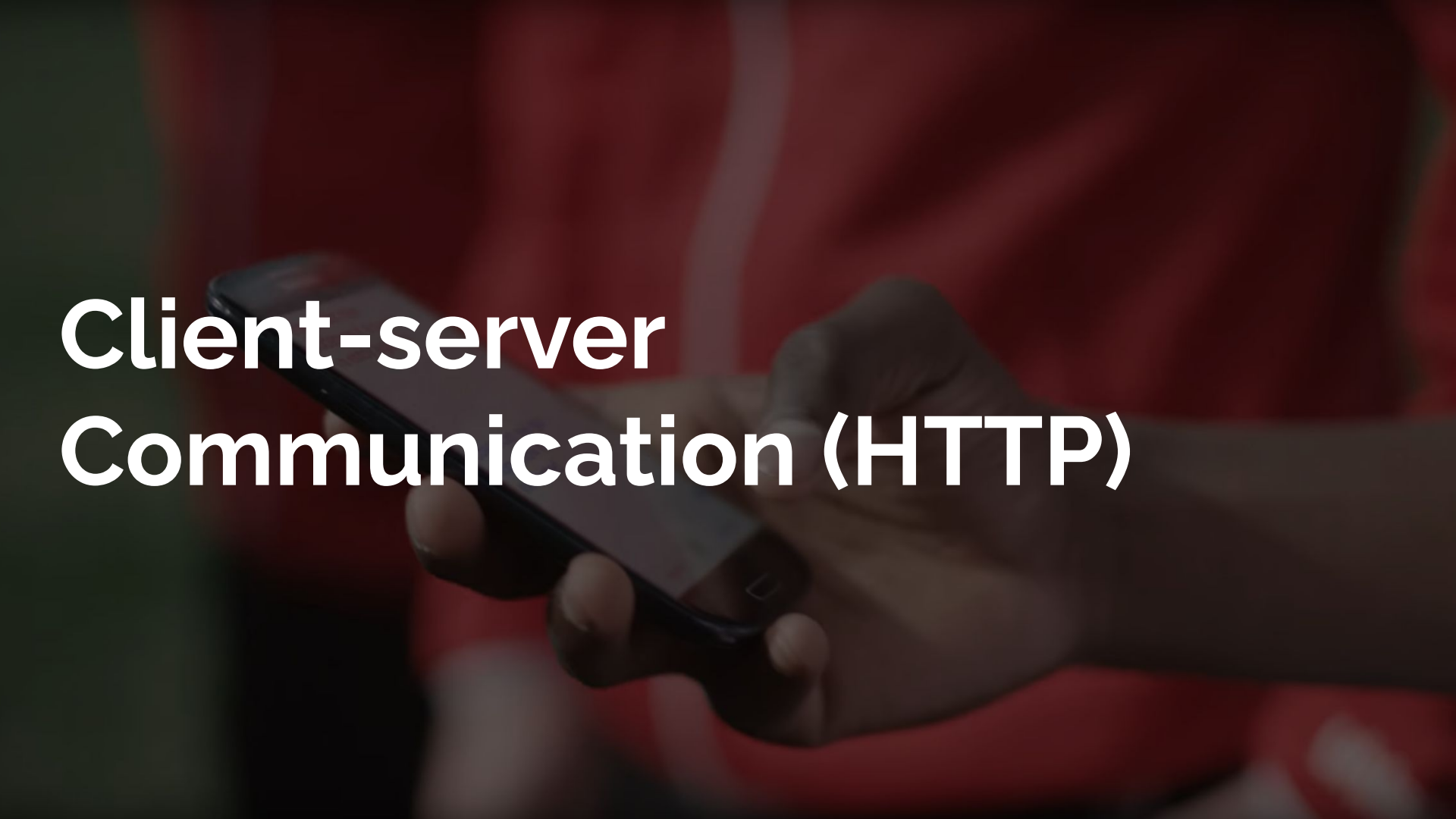


Practical Python!



The image shows the silhouettes of four people sitting at a table in a dimly lit room, looking out a large window at a city skyline. The most prominent building in the skyline is St. Paul's Cathedral, with its large dome and classical architecture. Other buildings of varying heights and styles are visible in the background. The word "Questions?" is overlaid in the center of the image in a large, bold, orange font, with the question mark in white.

Questions?

A hand holding a black smartphone, with the screen displaying a dark interface. The background is a blurred red surface, possibly a wall or a piece of clothing. The text "Client-server Communication (HTTP)" is overlaid in white, bold, sans-serif font.

Client-server Communication (HTTP)

```
:authority: gnit.ac.in
:method: GET
:path: /gnit-about-us/
:scheme: https

accept: text/html,...,image/webp,image/apng,...
accept-encoding: gzip, deflate, br
accept-language: en-GB,en-US;...
cookie: PHPSESSID=b70a1cd40dee1ef9f610f1a780494a21
```

```
...

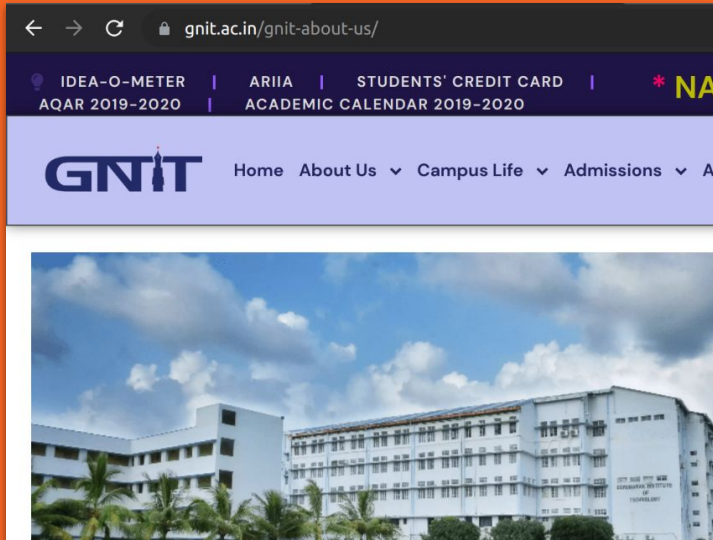
sec-ch-ua: "Not_A Brand";v="99", "Google
Chrome";v="109", "Chromium";v="109"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Linux"
```

```
...

user-agent: Mozilla/5.0 (X11; Linux x86_64)
AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/109.0.0.0 Safari/537.36
```

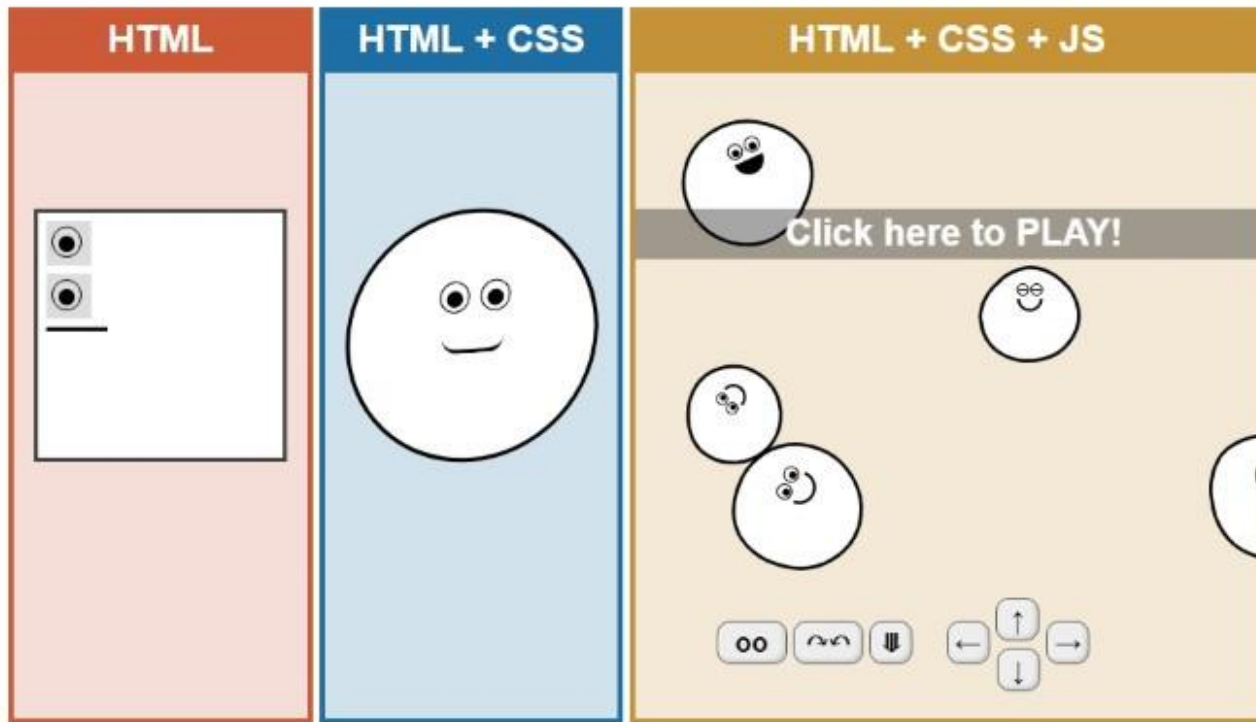
```
...
status: 200 (OK)
content-encoding: gzip
content-type: text/html; charset=UTF-8
...
wpo-cache-status: cached
server: Apache ...
x-powered-by: PHP/7.3.33
```

+ the HTML page...



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Break



Tip

JavaScript != Java



**1. Practical html, css
js (pattern) + post
and cookies (auth)**



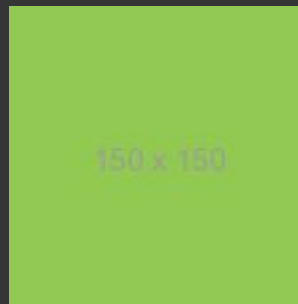
A group of people are silhouetted against a large window, looking out at a city skyline. The most prominent building in the background is St. Paul's Cathedral, with its large dome and classical architecture. Other buildings of varying heights and styles fill the rest of the view. The scene is dimly lit, with the primary light source being the window, which creates a strong contrast between the dark interior and the lighter exterior.

Questions?

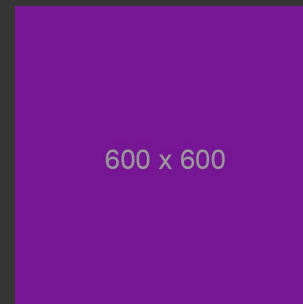
Modern web (web 2.0)

```
[  
  {  
    "id": 1,  
    "title": "title 1",  
    "url": "https://via.placeholder.com...",  
    "thumbnailUrl": "https://via.placeholder.com...",  
  },  
  {  
    "id": 2,  
    "title": "title 2",  
    "url": "https://via.placeholder.com...",  
    "thumbnailUrl": "https://via.placeholder.com...",  
  }  
]
```

JSON from server



title 1



title 2

Rendered HTML using a Front End
framework (or a mobile app widget)

Thank you