Frontend with Integrating Backend Jan Tollas notification at about the

- · Understanding Restbul APZs
- REST (Representational state transfer) is an architecture style box designing networked applications. RESTOU APZS use NTTP requests to perborm CRUD (Create, Read, Update, Delete)

Key chan-

- · Stateless: Each APT call is independent with no stored context on the senver
- · Resource based: Each piece ob data (resource) is identified by a URL
- · Methods: Common HTTP methods include GET, POST, PUT, DELETE.

Retrieve data from the server GET -> send new data to the server update existing data on the

Delete: Remove data brom the serven

Making APZ calls from the frontend

To integrate a frontend application with

a backend senver, the brontend needs

to make http req to the backend.

- · Identifying the endpoints.
- · Using MTTP methods appropriately
- · Handling Responses:

Process

- ! Initial Data betch (GET Request)
 - · when the brontend app. loads, it makes a GET req to the backend to betch initial data
- . The backend responds with Jata in a structured bromat typically JSON
- 3 sending Data (POST reg)
 - . When a user submit aborn ar

perborms an actions that requires adding new data, the brontend sends a Post required to the backend.

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3 Updating Data (PUT Request)

- · box updating existing data , the brontend sends a put req with the updated data to a specific URL identifying the resource.
- a success message

y Deleting Data (Delete Req.)

- c, 70 delete a resource, the brontend sends a delete req to the specific URL of the resource.
- L. The backend remove the resource & responds with a confirmation message.