9 Why 20 Front - End Framework Exist? By why not use Vanilla Js - to sender 20 2000 box across oor apps Erro oast Example alden days only server side of the deliver report which wones ad entr Rendering was 1209 dow View. [applications possible tod Bata date perspers one on the client att no tone alie (Rendered on Server) back End) All the websites that sweet are builtiwith a bis rures of WA) This visultant wordpress Osimple mobpage is sent Cto add simple dynamics @ hows to the client to the page) effects enisch who requested it in call call it source it Chasically the - promore) with most emos his was helping takes the code and simply paints stock (made Js work the secont some way it on the screen start. across all the browsers) breitzed sett most To rocal with his

Overtime - Developers state witing - trood - trood more and more os code to be executed by the 000 apps browsor euphnitio algmoss This be come fully fledge which led to the of se of web applications Single web page with private man by outno applications with tep pldiagog apogdete) webpages that epagd een perspores are on the client pa book eno I rarried no bershouses side cnot on the Surver side) extinden of MA (bas dood (All the Server side rendering de sen this Essultant is now done on the stalle (spage 1) mas si apogdem twill att of Client side Rendering (we don't call it webpages anymore we rather call them as web apps) (basically the (Still ruds data (Accord which comes from the Rendered backend in the BROWERR webpage form of API) Data comes 211 7 osd aff the ezocat from the backend Waiv in the form of

Application consumes the date and sanders a screen proof our proof our proof from the API of the application O happing a uses Intestay in Sync with strow to toll bandword places of steb (Server Side Rendering frame works are getting built) endow Nextsis bre troops complex driman synchronizing data modern client Side (IN AFICE Redusing frameworks Building front and user apps (most imp vale of a att of user Interface front end app and 1 Handling data keep the User Interface Stay in sync with the Disploying it in a D antorce a correptore of edroco smort Problems with Vanilla Js and Jaway (Stransforms) Structuring apps 1 Requires lot of direct Dom manipulation One give developeres and traversing - (lot of boiler plate code) a consistant way of building witho totte of Result @ Data (State) - usually stored in the Dom this go bia w (Cshared across the entire app) with many parts billed at valyou and up crapting of the app accessing Sucremental don's one trammorks and changing Dom etab (which wouldn't be well disactly established than all

why so front and frame works axist? All summers outline notheridayo at the Okerping a user Interface in sync with data is Really hord and lot of work Carrier Sich Rindsoins (front and frame works takes this complex data of synchronizing data die theils neckore with UI) Tudewing frame works Building the bac troops pailing So that we can goal teom) User Interface stab willnest O focus on there troop? leap the usptor frame works stay in sync with the @ enforce a correct way of come up with a good 1 Structuring 2 the code as 30 pride a /way of They give developers and teams solid selled to tolde of the comment too a consistent way of building so that other mot of Cwith liss divilops of con cities O front-end apps plate fallow these well plats code) in order to build strong moundies consense gap off 20 better applications data most prigneds barn Mew ad Arbhooks Prider vitoreib the matthewalliams