Full Stack Web Dev Problem Statement

Hackathon Problem Statement

Vaccinate India: A survey web application.

As the world is suffering from the Global Pandemic, we are here to play our part and make our presence count.

This is a Vaccine Report program that will help us to keep track of the specific count of the individual who is vaccinated. As we know that the raw facts & figures will never help us to get rid of the global pandemic. So we will be using technology to make things better for our country.

We expect you to develop a web solution for our company i.e use to create surveys and analyze the vaccination process.

Your web app must have the following features:

- *Survey Detailed Report (should include how many have taken (vaccine in city,state) and type of vaccine) and (no of dose) and , Person Details field.*
- *Survey links can be shared and filled by consumers. (**Bonus** - Have a website preview i.e. use OG html tags)*
- *Admins can see all the inputs in a dashboard (**Bonus** - Have a fixed username and password to access admin page)*
- *Any extra analysis/dashboard charts are also recommended.(**Bonus**) - Charts- Python , JS (d3.js or highcharts)*

Form field requirement; (perform form validation)

- *Name, Age, Blood Group.*
- *Willing to donate plasma (Radio button)*
- *Email id, Phone number*
- *Number of Jab/ dose Done i.e 1 shot or 2 Shot (Checkbox)*
- *Vaccine name in dropdown menu i.e (Sputnik, Covaxin, Covishield)*
- *Hospital Name, City & pin code.*

Tech Stack Recommendations:

API & Frontend: ● React ● Angular (Optional)

Backend : ● PHP(Optional) ● Node ● Python(Optional)

BOARD

Database: ● MongoDB (Easier with Node) ● MySQL ● PostgreSQL(optional)