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⇒ **Tell me about yourself.**

→ Good morning Sir, My name is Ravi Kumar Gupta. I am from Aurangabad Bihar. I have completed my class 10th from D.A.V. Nabinagar with a total aggregate of 10 CGPA. I have also finalized my class 12th from R.L.S.Y. College Aurangabad Securing 68.9% through BSEB Bihar board examination. Currently I am Persuing my graduation in the field of Information technology from IIIT UNA with a total aggregate of 6.9 CGPI.

My technical Skills include Programming in C + C++. Apart from this, I have also completed Flutter, React JS, HTML, Javascript, CSS, Bootstrap, SQL & firestore database.

Having grip on these, I am a frontend web developer and flutter developer too. I also worked on more than 4 projects which includes:-

(i) SPotify clone.

(ii) Covid-19 live tracker APP

(iii) Twitter-clone

(iv) weather APP and many more.

My hobbies include decorating & designing rooms. I have also led & Presented the members of a school organization in cultural events. Alongwith my crew, I have raised fund for providing a small help to needy ones.

I consider myself regular, compassionate, hard-working & exploring & learning new things whenever required. I am highly passionate to work in your progressive company if I am provided with a chance.

1) Tell me How you think other people would describe you?

→ My colleagues have told me that I am extremely organized and excellent at time management. During one project, I think when we were working on weather APP, my team members praised me for developing and sticking to a timeline for all the phases of the project. We ended up successfully completing it ahead of time, and it was a hit!

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2) What are your greatest strengths?

→ I consider my strengths to be :-

(i) I am a keen observer acutely aware of people's problems and their strengths.

(ii) I flourish when I work with a team that is given a particular task to be done within a specified time period.

(iii) I am a quick learner and go out of my way to ask questions to better my understanding.

(iv). I try to always be a positive influence on people and spread joy around me.

3) Tell me about a challenge or conflict you have faced and how you have dealt with it!

→ While working on a Project for previous semester which was a google notes clone app using flutter. I was working with a group. The group was responsible for conceptualizing an idea and presenting the project plan to implement an idea. we Selected an idea and developed an action plan for completing the project. Two of the team members wanted to hold daily meetings to discuss the plan and progress. Other team members, including myself, disagreed with this approach because the team had a log to report task and completion.

As long as everyone knew their assigned tasks, we did not think we needed to divert time for meetings that would not move the project forward. we also thought these meetings would use valuable time needed to complete the project. Instead of starting an argument about the meetings, we gathered everyone together to explain their reasoning for their side. Eventually, we decided to hold a daily meeting that would last no more than 10 minutes

to provide short updates on task progress. and at last, we completed our project on time. So that was my one of the conflict i faced. earlier.

1) As you mentioned, you are a react Js developer, tell me the reason, why are you using react ?

→ There are various advantages of using react, that includes :-

(i) **Use of virtual DOM to improve efficiency :-**
React uses virtual DOM to render the view. creating a virtual DOM is much faster than rendering the UI inside the browser. Therefore, with use of virtual DOM, the efficiency of app improves.

(ii) **Gentle learning curve :-**
React has a gentle learning curve when compared to frameworks like angular. Anyone with little knowledge of javascript can start building web applications using react.

(iii) **SEO friendly :-**
React allows developers to develop engaging UI that can be easily navigated in various search engines. It also allows server-side rendering, which boosts the SEO of a app.

(iv) **Reusable components :-**

React uses component - based architecture for developing applications. Components are independent and reusable bits of code. These components can be shared across various applications having similar functionality. The re-use of components increase the pace of development.

2) Explain React State and props.

→ **React state :-**

Every component in React has a built-in state object, which contains all the property values that belong to that component.

In other words, the state object controlls the behavior of a component. Any change in the property values of the state objects leads to re-rendering of the component.

→ **React Props :-**

Every react component, accepts a single object argument called Props (means Property). These props can be passed to component using HTML attributes and the component

accepts these props, we can pass data from one component to another.

3) What are Keys in React?

→ A Key is a special string attribute that needs to be included when using lists of elements.

Key helps react identify which elements were added, changed or removed. without Keys, React doesnot understand the order or uniqueness of each element. Keys are generally used for displaying a list of data coming ~~of~~ data from an API.