ProSensia Frontend Internship

Week 3 – Day 2 Report
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Media Queries

Overview:

Today's session focused on a key concept in responsive web design — **Media Queries** in CSS. This tool allows developers to create websites that adapt their layout and styles based on the screen size or device type, providing a better user experience on all devices.

What I Learned:

- **Purpose of Media Queries**: They help websites adjust for different screen sizes like mobile, tablet, and desktop.

- **Syntax**: Learned the structure of @media rules and how to write breakpoints.

```
@media (max-width: 768px) {

  body {

    background-color: lightblue;

  }

}
```

- **Breakpoints Used**:

  - max-width: 480px → for mobile

  - max-width: 768px → for tablets

  - min-width: 1024px → for desktops

- **Mobile-first vs Desktop-first** approach

- Styling based on orientation, screen width, and resolution

Practical Work:

- Built a responsive page that changed its layout at different screen sizes.

- Modified font sizes, margins, and paddings with media queries.

- Created a simple navigation bar that adapts for smaller screens.

Challenges:

- At first, it was tricky to understand when to use min-width vs max-width.

- Managing multiple breakpoints without overlapping styles took practice.

Conclusion:

Today's topic helped me understand how to make websites look good on all devices. Media queries are an essential skill for any frontend developer, and practicing them has improved my ability to design responsive layouts.