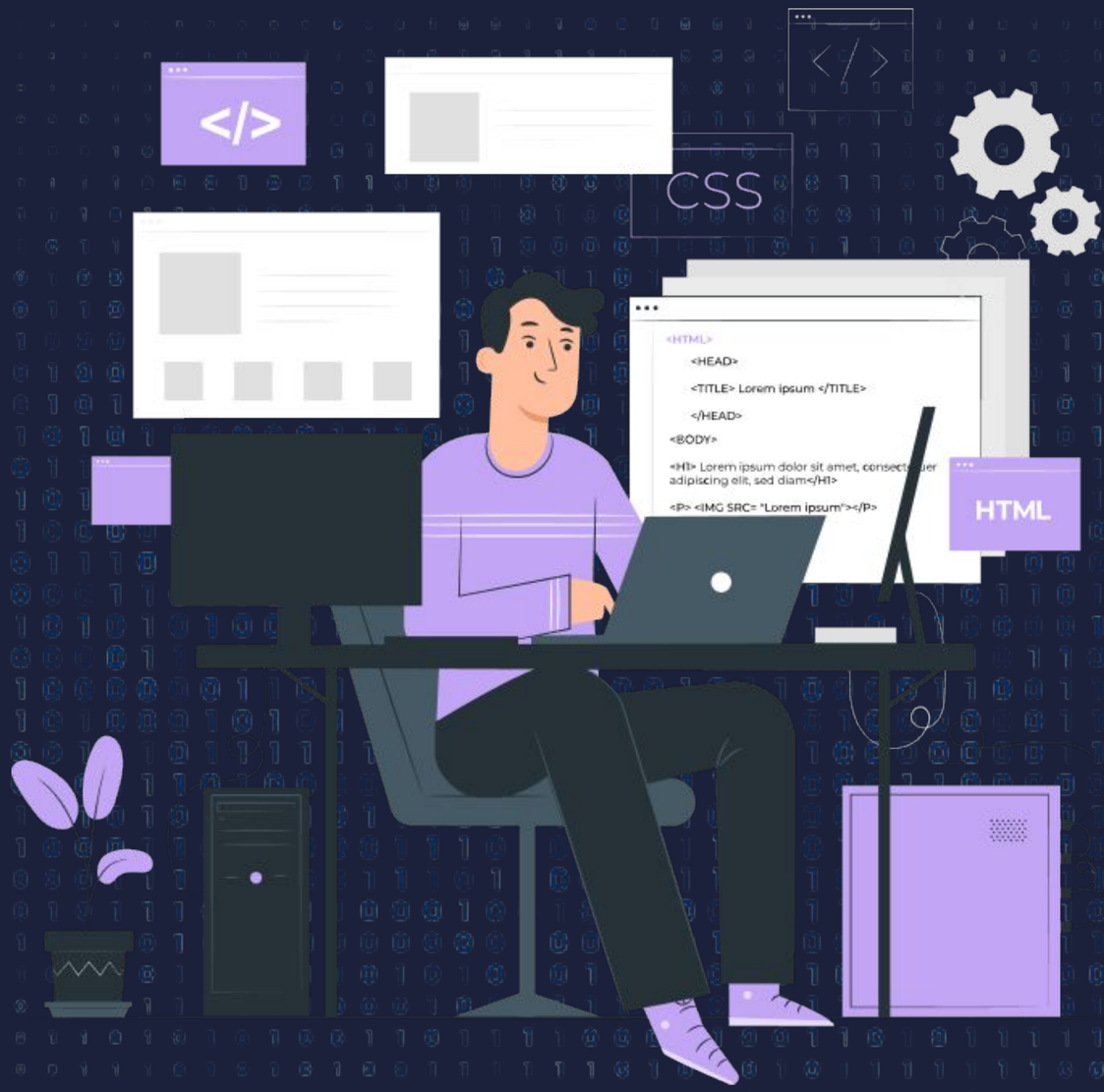
PW SKILLS

Introduction to Flexbox



Topics

- What is Flexbox?
- Understanding the two main axis of flexbox (main and cross axis)
- Importance of Flexbox in CSS

What is Flexbox?

- The Flexbox or just ‘flexible Box module, for short, is a box model designed for user interfaces, and it allows users to align and distribute space among items in a container such that elements behave predictably when the page layout must accommodate different, unknown screen sizes
- A flex container expands items to fill available space and shrinks them to prevent overflow.
- The flexbox can be used by setting the display property to flex i.e. **display: flex**;

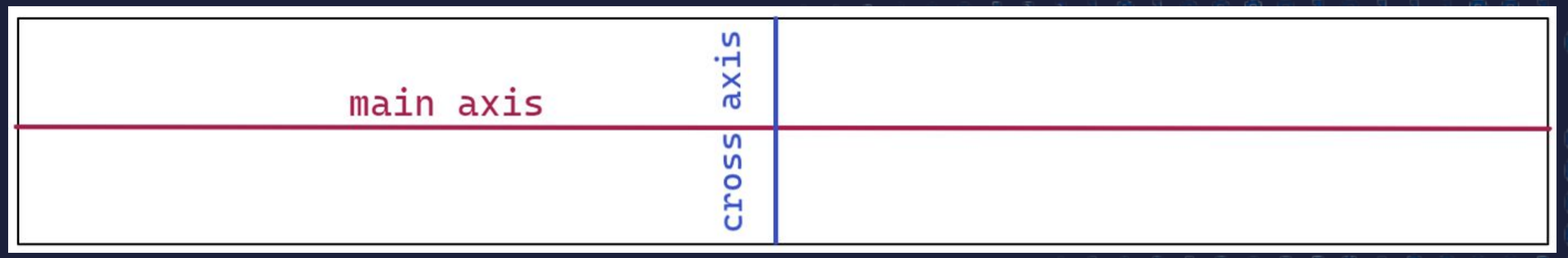
Understanding the two main axis of flexbox (main and cross axis)

Main Axis

- In Flexbox, the main axis is the primary axis along which flex items are laid out.
- The direction of the main axis is defined by the flex-direction property.

Cross Axis

- In Flexbox, the cross axis is the perpendicular axis to the main axis. It runs perpendicular to the flex-direction property and determines the alignment of flex items along the secondary axis.



Importance of Flexbox in CSS

- Simplifies layout
- Responsive design
- Control over alignment
- Easy to use
- Cross-browser support

SKILLS
THANK YOU