EVALUTION OF WEB TECHNOLOGIES

1. Early Web Technologies (1990–1995)

- Birth of the **World Wide Web**
- Web pages were **static and text-based**
- Developed using basic **HTML**
- No styling, images, or interactivity
- Used mainly for academic and research purposes

Evolution of Web Technologies

2. Introduction of Styling and Multimedia (1996–2000)

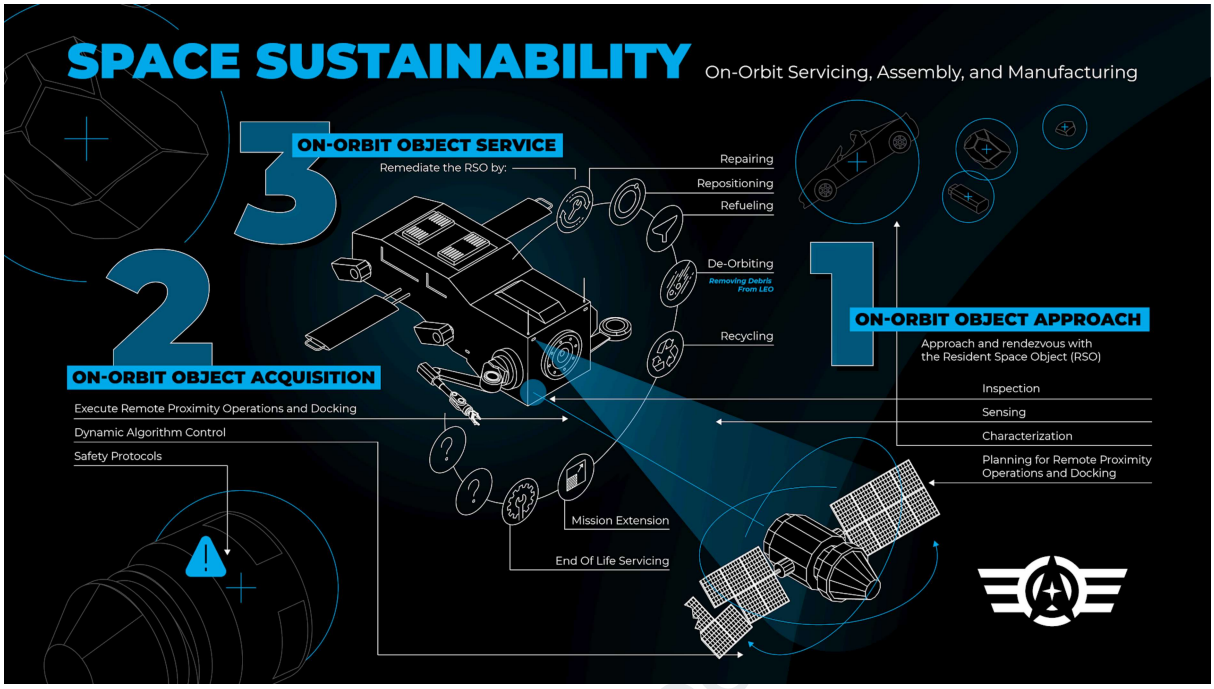
- ❖ Addition of **images, colors, and fonts**
- ❖ Use of **tables** for page layout
- ❖ Introduction of **CSS (Cascading Style Sheets)**
- ❖ Animated GIFs and simple multimedia
- ❖ Websites became more visually appealing

3. Dynamic Web Technologies (2001–2005)

- ❖ Introduction of **JavaScript** for client-side interaction
- ❖ Server-side technologies such as **PHP, ASP, JSP**
- ❖ Web pages could respond to user input
- ❖ Use of **databases** to store and retrieve data

Evaluation Of Web Technologies

❖ Forms and validation became common



4. Web 2.0 Era (2006–2012)

❖ Shift from static pages to **interactive web applications**

❖ Rise of **social media, blogs, and wikis**

❖ User-generated content became popular

❖ Use of **AJAX** for faster, dynamic page updates

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❖ Focus on improved **user experience**

❖ th of **smartphones and tablets**

❖ Introduction of **responsive web design**

❖ Websites adapted to different screen sizes

❖ Use of frameworks like **Bootstrap**

❖ Improved performance and accessibility

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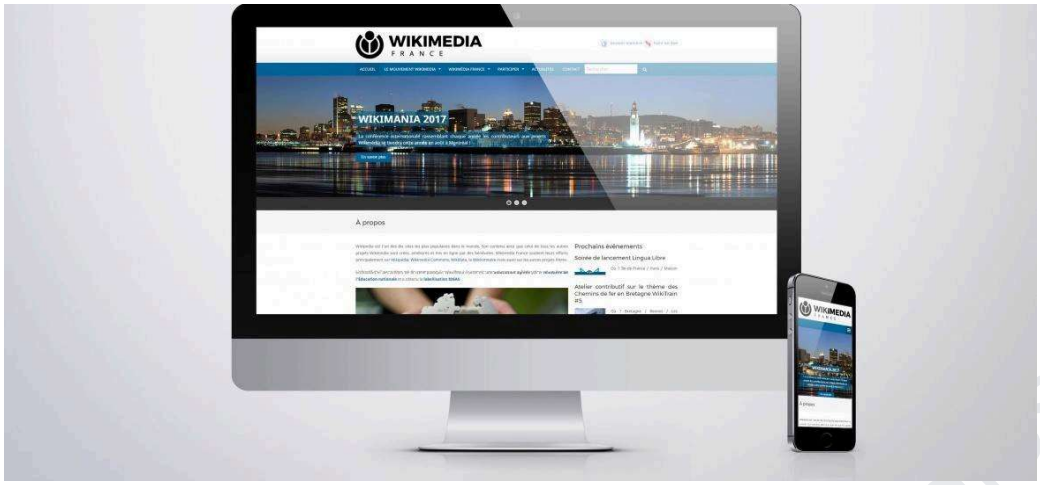

6. Modern Web Technologies (2019–Present)

- Use of fDevelopment of **Sing**ront-end frameworks like **React, Angular, and Vue**
- **le Page Applications (SPA)**
- Introduction of **Progressive Web Apps (PWA)**
- Integration of **cloud computing and APIs**
- Use of **AI, machine learning, and chatbots**
- High focus on security and speed

Evaluation Of Web Technologies

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