snmr ®
Cloud Services

Summer internship program 2024 brochure

WEB DEVELOPMENT USING AI

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Week 1:
Introduction to Web Development and HTML/CSS Fundamentals

- Overview of web development technologies.
- Introduction to HTML, CSS, and basic JavaScript.
- Basics of HTML structure and tags.
- Simple web page creation with HTML.
- Advanced HTML elements like forms, tables, and semantic elements.
- Basics of CSS: selectors, properties, and values.
- Inline, internal, and external CSS.
- Styling HTML elements with CSS.

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Week 2:
CSS Layouts, Responsive Design, and Introduction to Bootstrap
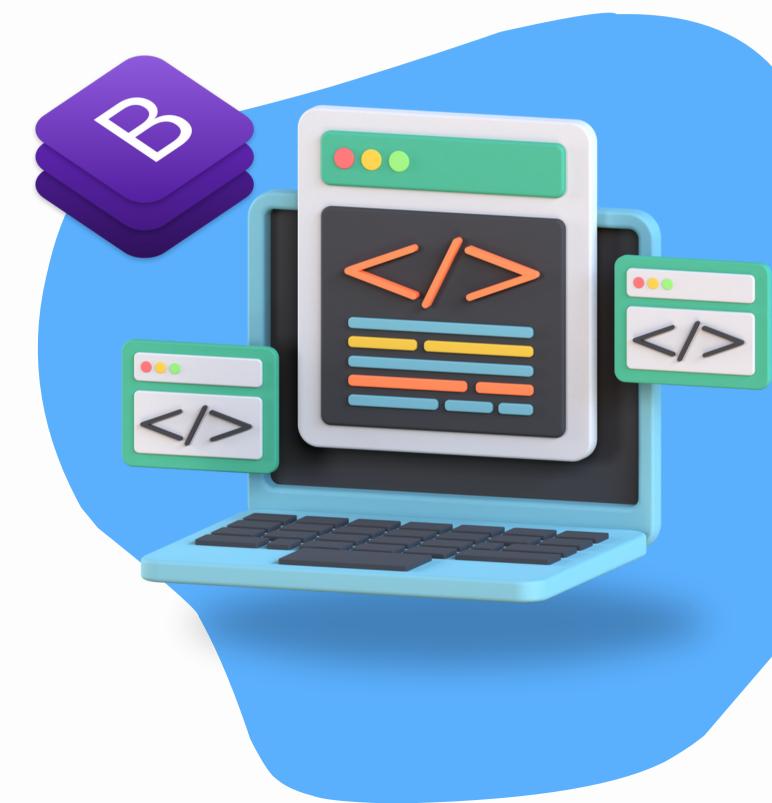
- **CSS Layouts: understanding the box model, Flexbox, and Grid.**
- **Responsive design principles: media queries, mobile-first approach.**
- **Designing and implementing responsive layouts.**
- **Introduction to Bootstrap: basics of Bootstrap grid system and components.**
- **Implementing Bootstrap in a web project.**

B

Bootstrap

Week 3:
Advanced Bootstrap and JavaScript Interactions

- **Advanced Bootstrap features: responsive utilities, navbar, forms, and buttons.**
- **Customizing Bootstrap components.**
- **JavaScript interactions with Bootstrap components: modals, tooltips, and carousels.**
- **Form validation with Bootstrap.**
- **Integration of JavaScript functionalities with Bootstrap components.**

Week 4:
Project Development

- **Planning and scoping the internship project.**
- **Implementing the project using HTML, CSS, and JavaScript.**
- **Guidance and mentorship provided by instructors.**
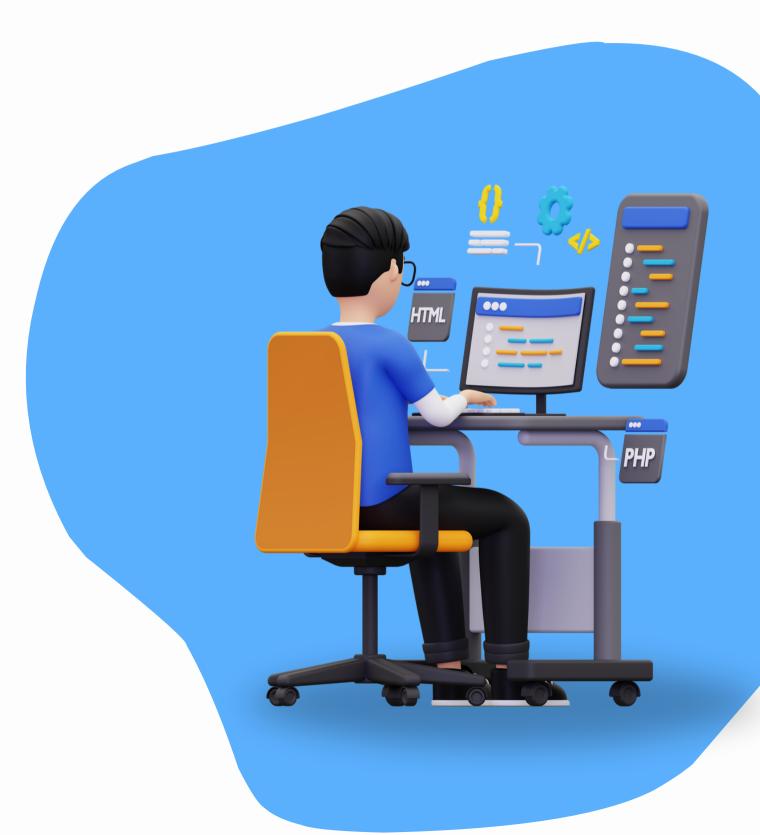- **Regular check-ins and feedback sessions.**

ACTION PLAN

Week 5:
Project Development Continued

- **Continuation of project development.**
- **Troubleshooting and debugging.**
- **Refactoring and optimizing code.**
- **Finalizing project features.**

Week 6:
Project Presentation and Wrap-Up

- **Finalizing the internship project.**
- **Preparation for project presentation.**
- **Project presentations to the company or stakeholders.**
- **Feedback and evaluation of internship projects.**
- **Recap of key concepts and learning points.**
- **Certification ceremony for successful completion of the internship.**