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Learning Style: On Demand

Provider: Microsoft

Difficulty: Beginner

Course Duration: 20 Hours

Designing a Technical Solution

About this course:

You will get familiar with the way toward turning thoughts into specialized solutions in this course. Early students often need to learn the big ideas and context of a procedure before diving into the propelled information, and that is actually what you'll get in this course. You'll expand upon your own thought for an application as

you gain proficiency with the way toward conducting market research, front-end web development, and user-centered design. Before the finish of the course, you will have a client-focused plan, specification and wireframes for a web application, alongside a front-end UI, worked with CSS and HTML.

Course Objective:

- Define how software is utilized to tackle issues
- Define application necessities as per the user research
- Plan effective products using Human-Centered Design
- Utilize internet browser devices and Visual Studio Code in the development of web pages.
- Become familiar with the essentials of how the Internet functions
- Discover different prototyping systems following industry-standard plan principles
- Build fundamental CSS and HTML webpages
- Solving issues with innovation
- Human-focused structure
- HTML fundamentals
- CSS fundamentals

Audience:

Web Developer

Prerequisite:

There are no essential required for this course

Course Outline:

Module 1| Designing A Technical Solution

- Module Overview
- What Are You Building and Why?
- Designing User Experiences
- Identifying User Needs
- Defining Requirements
- Interaction and User Interface Design
- Module Assessment

Module 2 | Intro to Web Development

- Module Overview
- Intro to Web Development
- Software Development Tools
- Version Control
- Module Assessment

Module 3 | Building Webpages with HTML

- Module Overview
- HTML Basics
- Common HTML Elements
- Attributes
- Build Your Webpages
- Module Assessment

Module 4 | Styling Webpages with CSS

- Module Overview
- CSS Basics
- Properties
- Selectors
- Page Layout with CSS
- Project
- Module Assessment

Module 5| Final Asssessment and Evaluation

- Final Assessment?

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