Designing a Technical Solution

Modality: On Demand

Duration: 20 Hours

Are you a web developer wishing to take care of real problems through web applications? Through this course, you will have the option to transform your thought into a model as you become familiar with the way toward planning and prototyping web applications to take care of real problems.

You'll expand and start building your own thoughts and ideas for an application as you get familiar with the way toward directing statistical surveying, client-focused requirements, user-friendly designing, and front-end web development. Before you finish of the course, you will have a user-centred structure, wireframes and necessary details for a web application, alongside a front-end UI worked with HTML and CSS.

About this course

In this course you will gain proficiency with the way toward transforming thoughts into technical solutions. The candidates who are new frequently need to learn the context and basic concepts and the enormous thoughts of a procedure before jumping into the advanced details, and that is actually what you'll get in this course.

This course will help you use your observations as a user. You'll expand and start building your own thoughts and ideas for an application as you get familiar with the way toward directing statistical surveying, client-focused requirements, user-friendly designing, and front-end web development. Designing user-friendly applications get easy when you think as user rather than a developer. This course will brush up your skills as a technical designer.

Before you finish of the course, you will have a user-centred structure, wireframes and necessary details for a web application, alongside a front-end UI worked with HTML and CSS.

Course objectives:

When you will finish this course, you would be able to

- Structure technical products
- Depict how software development is sued to tackle real life issues
- Characterize application prerequisites dependent on client requirements
- Use Visual Studio Code and web browser tools in the development of websites
- Become familiar with the basics of how the Internet functions
- Investigate different prototyping systems adhering to industry-standard plan standards
- Create basic HTML and CSS website pages
- Tackle issues with technology
- Understand and work on HTML basics
- Understand and work on CSS basics

Audience:

- Web Developer

Prerequisite:

No prerequisites.

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?