MODERN WEB DEVELOPMENT

PREPEARED BY :-

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GUIDED BY :-

DHANESH MALVIYA

certificate
of internship

PRESENTED TO

DIVYA RAHANGDALE

for successfully completing Six Days Internship on

MODERN WEB DEVELOPMENT

with the Sheryians Pvt. Ltd. from Oct 10, 2022 to Oct 15, 2022. Internship covered knowledge of Web technologies like HTML, CSS, JS & a Front-End project.

SHERYIANS CODING SCHOOL

Adarsh Gupta
Co Founder – Sheryians

17-Oct-2022
Date

OWN THE CODE

SCOPE OF LEARNING

JavaScript Frameworks : JavaScript frameworks like React, Angular, and Vue.js have revolutionized web development. These frameworks allow developers to create complex and dynamic user interfaces quickly. It's essential to learn these frameworks to keep up with the latest trends in modern web development.

Mobile-First Design : With the increasing use of mobile devices, mobile-first design has become a crucial aspect of modern web development. It's essential to learn how to design and develop websites that are responsive and optimized for mobile devices . Progressive Web Apps:

Progressive Web Apps (PWAs) are web applications that offer a native app-like experience to users. They are designed to work on any device and can be accessed from a web browser. Learning how to develop PWAs is crucial for modern web development.

APIs and Microservices : APIs and microservices have become essential in modern web development. They allow developers to create scalable and robust applications that can handle large amounts of data. Learning how to develop and integrate APIs and microservices is a must for modern web developers.

Cloud Computing : Cloud computing has revolutionized the way web applications are developed and deployed. Learning how to use cloud services like AWS, Google Cloud, and Azure is crucial for modern web developers. Cloud services offer scalability, reliability, and security, which are essential for modern web applications . Conclusion:

In conclusion, the scope of learning in modern web development is vast and diverse. It's essential to stay updated with the latest trends and technologies to succeed in this field. Learning JavaScript frameworks, mobile-first design, progressive web apps, APIs and microservices, and cloud computing is crucial for modern web developers. With the right skills and knowledge, you can build scalable and robust web applications that meet the demands of today's users.

CONTENT

Day - 1:

Introduction to Web Technologies

? Careers in Web Technologies and Job Roles

? How the Website Works?

? Client and Server Scripting Languages

? Difference between a Web

Designer and Web Developer

? Types of Websites (Static and Dynamic Websites) Responsive design and layout

? HTTP protocol

? MVC model

? Virtual environment

? Generic Views

? HTML templates

Day - 2

Configuring a Project

? Custom Views

? Website apps

? Activating our first app

? A view that displays a hyperlink

? Mapping the views to URLs

? Running our first app

Day-3
HTML Template and Static Folder
? The Structure Tags
? Getting Started With HTML
? Writing the Code
? Head Section | Meta Tags
? External Link Tags
? HTML Tags
? HEAD Tags
? Title Tags
? Body Tags
? Displaying a web page in a web Browser
? Block level elements
? Inline elements

Day-4
Creating a Form
? Form Tag
? POST and GET Method
? Text Input, Text Area, Checkbox, Image Input and Radio
? Select Option
? Option Group
? File Upload and Hidden Fields
? Submit Button, Reset Button
? Defining Paragraphs and new Lines

? Inserting Spaces
? Perforating the Text
? Introduction to style Sheets
? How style sheets work
? Style Sheet Structure

Day-5
CSS Introduction
? CSS Syntax
? CSS Id & Class
? Types of CSS links
? CSS Selectors
? Changing the color of the text
? Changing the front
? Changing the Indent of the text
? Changing the Line Spacing
? Hide a Style Sheet
? Colors and Backgrounds
? Text and Fonts
? CSS Box Model
? CSS Shadows
? Outline Transitions