SUMMER TRAINING REPORT

On

Web Development and Responsive Web Design using HTML, CSS, Javascript

From

CodeDamn and Udemy

Spanning

4th July - 4th August

for partial fulfillment of the requirement for the award of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

From

School of Studies Engineering and Technology

Guru Ghasidas Vishwavidyalaya

Submitted By:

Yatindra Deo

Roll No.: 20103072

Batch: 2020 – 2024

Institute : Guru Ghasidas Vishwavidyalaya

Submitted To:

Dr. Princy Matlani

Assistant Professor.

Department of CSE, SOSET,

Guru Ghasidas Vishwavidyalaya

CERTIFICATE OF COMPLETION

CERTIFICATE OF COMPLETION

Presented to

Yatindra Deo

For completing Learn HTML and CSS [2023 Ready]

Interactive Course on **codedamn**

Team codedamn

Team codedamn
Course Instructor

23rd July 2023

ûdemy

CERTIFICATE OF COMPLETION

JavaScript for Beginners - The Complete introduction to JS

Instructors   Yassin Marco

Yatindra deo

Date Aug. 4, 2023
Length 16 total hours

1. INTRODUCTION TO WEB DEVELOPMENT

In the vast landscape of the digital age, web development stands as a cornerstone, shaping the way we connect, communicate, and interact with the world. It is the art and science of creating websites and web applications, enabling individuals and businesses to establish a compelling online presence. Web development encompasses a spectrum of skills, technologies, and practices, all focused on one primary goal: to craft immersive and functional digital experiences that captivate users. From static web pages to dynamic web applications, web development is the driving force behind the modern internet.

The evolution of web development has been nothing short of revolutionary. The journey began with static HTML pages, where content was fixed and unchanging. Today, we witness the era of dynamic, responsive, and interactive websites powered by a symphony of technologies.

At the heart of web development is HTML (Hypertext Markup Language), the markup language that provides structure to web content. Cascading Style Sheets (CSS) bring visual appeal, allowing developers to design captivating layouts and styles. JavaScript, a versatile scripting language, breathes life into web pages, enabling interactivity, animations, and real-time updates. Web development is a multi-disciplinary field, and developers often specialize in various aspects. Front-end developers focus on the user interface, crafting what users see and interact with. Back-end developers work behind the scenes, managing databases, server logic, and ensuring the seamless functionality of websites. Full-stack developers bridge these domains, wielding both front-end and back-end skills. As web development has grown, so too have the tools and frameworks that power it. Content management systems (CMS) like WordPress simplify website creation, while libraries and frameworks like React, Angular, and Vue.js streamline the development of web applications.

In an age where the digital realm plays a pivotal role in business, education, entertainment, and communication, web development skills are in high demand. Professionals in this field hold the keys to building the websites and applications that shape our online experiences. Web development is a journey of continuous learning and adaptation. It involves keeping pace with evolving web standards, emerging technologies, and design trends. It's a field that rewards creativity, problem-solving, and a deep passion for creating meaningful digital experiences. In this era of the internet, web development serves as the cornerstone of our connected world. Whether you're a seasoned developer or just embarking on this journey, the realm of web development promises limitless opportunities for