



CodSoft

***WEB DEVELOPMENT***

# ABOUT US

**CODSOFT** is a vibrant and diverse community that brings together individuals with similar objectives and ultimate goals. Our main focus is on creating opportunities that span various areas, including leadership development, learning, student engagement, and fostering shared interests.

We believe in the power of leadership and its ability to drive positive change. That's why we provide platforms and resources for our community members to develop their leadership skills. Through mentorship programs, workshops, and collaborative projects, we empower individuals to take on leadership roles and make a difference in their respective fields.



# INSTRUCTIONS

- Update your **LinkedIn profiles**
- For a **Web Development internship**, you will need to complete any one (either level 1 or level 2, or level 3) at your convenience for successful completion of the internship.
- Maintain a separate GitHub repository(name **CODSOFT** for all the tasks and share the link of the GitHub repo in the task **submission form(it will be given later through email)**).
- You can refer to online resources such as Google Search and read tutorials. Watch videos(For Help).

# SUBMISSION

- 1 A **TASK SUBMISSION FORM** will be shared later through email . Till then please continue your task.
- 2 A video need to be created to showcase your work, demo of your effort
- 3 The video can be hosted on LinkedIn for proof of your work and build credibility among your peers . You can tag **CODSOFT** in such posts.  
  
Please add #codsoft in each of your task
- 4 video postings on LinkedIn, Additionally, you can also add hashtags such as #internship #webdevelopment. for more reach and visibility.

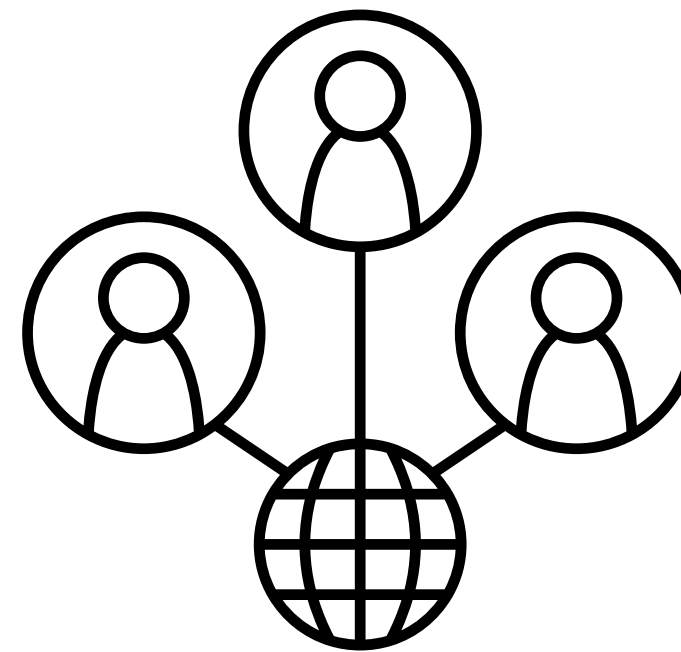
# ABOUT THE INTERNSHIP



COMPLETION  
CERTIFICATE



PLACEMENT  
SUPPORT



NETWORK  
OPPORTUNITY



CodSoft

# ***WEB DEVELOPMENT***

## **TASK LIST**

For a Web Development internship, you will need to complete any one (either level 1 or level 2 or level 3) as per your convenience for successful completion of the internship.

# LEVEL 1 TASK

## PORTFOLIO

1

Creating a personal portfolio using CSS and HTML is a popular beginner web development project.

**Header Section:** Add your name or a logo at the top.

Optionally, include a brief introduction or tagline.

**About Section:** Insert an image of yourself.

Write a short bio highlighting your skills and experience.

**Skills Section:** List your key skills or areas of expertise.

**Projects Section:** Showcase samples of your work or projects.

Include project titles, descriptions, and images.

**Resume Section:** Provide a link to download your resume in PDF format.

**Contact Section:** Include your contact information, such as email address and phone number.

**Footer:** Add a copyright notice and any additional links or information.

**FOR DEMO [CLICK HERE](#)**

***LEVEL 1***

**TASK**

**2**

## To-Do List

Build a simple to-do list application that allows users to add, edit, and delete tasks. You can use HTML, CSS, and JavaScript for the front-end and store the tasks in local storage or a simple backend server using technologies like Node.js or Flask



# LEVEL 1 TASK **3**

## CALCULATOR

To create a basic calculator using CSS, HTML, and JavaScript, you'll need to implement an interactive interface with buttons for addition, subtraction, multiplication, and division operations. The calculator should have a display screen to show user input and results. Utilize CSS grid system for button alignments. Use event listeners, if-else statements, operators, and loops to handle user input and perform calculations. This project requires some skill but can be done with basic knowledge of these technologies..

**FOR DEMO [CLICK HERE](#)**

# ***LEVEL 2* TASK **1****

## **TRIBUTE PAGE**

With basic knowledge of HTML and CSS, you can create a webpage dedicated to someone you admire. Write about their admirable qualities, add images, and design a visually appealing layout. Experiment with font styles, use paragraphs effectively, and play with background colors. This project allows you to express your admiration in a simple and personalized way.

**FOR DEMO [CLICK HERE](#)**

# LEVEL 2 TASK 2

## TRAVEL BOOKING SYSTEM FOR DEMO [CLICK HERE](#)

1. **User Interface Design:** Create wireframes and design a visually appealing layout.

2. **Database Design:** Design the database schema to store user and booking information.

3. **Backend Development:** Set up server-side infrastructure and implement logic for handling requests, processing bookings, and connecting with external APIs.

Set up the server-side infrastructure using a programming language like Node.js, Python, or PHP

4. **Front-End Development:** Develop a responsive user interface using HTML, CSS, and JavaScript.

5. **User Registration and Authentication:** Provide user registration, login, and authentication functionality.

6. **Search and Booking Functionality:** Implement search functionality and integrate APIs for real-time data retrieval and booking processing.

7. **Payment Integration:** Integrate a secure payment gateway for online transactions and booking confirmation. (Payment gateway is optional)

8. **Host the website at 000webhost, github.io, Netlify, heroku app or any other free hosting provider. Check in code in gitlab. (optional)**

# LEVEL 3 TASK

1

## BLOGGING PLATFORM

FOR DEMO [CLICK HERE](#)

**1. Design:** Create a simple and user interface for blog posts and navigation.

**2. Backend Development:** Develop server-side code to handle user requests and manage blog data.

Set up the server-side infrastructure using a programming language like **Node.js, Python, or PHP.**

**3. Front-End Development:** Build the client-side interface using **HTML, CSS, and JavaScript.** Focus on creating a user-friendly interface, including features like post listing, search, and user profile pages.

**4. User Authentication:** Implement user registration and login functionality.

**5. Blog Post Creation:** Enable users to create and publish blog posts.

**6. Commenting System:** Allow users to leave comments on blog posts.

**7. Search Functionality:** Implement basic search functionality to help users find specific blog posts.

**8. Mobile-Friendly Design:** Ensure the platform is responsive and optimized for mobile devices.

**9. Host the website at 000webhost, github.io, Netlify, heroku app or any other free hosting provider. Check in code in gitlab. (optional)**

# **LEVEL 3 TASK**

# **2**

## **E-Commerce Website**

**Build an e-commerce website where users can browse products, add items to a shopping cart, and proceed to checkout. Implement features like user authentication, product filtering, and payment integration using technologies like React, Node.js, and MongoDB.**

**Host the website at 000webhost, github.io, Netlify, heroku app or any other free hosting provider. Check in code in gitlab.**

# ASK US FOR HELP!

- *THE PURPOSE OF THIS INTERNSHIP IS TO LEARN AND GROW*
- *We have no desire to dictate to you. It is entirely up to you whether you seek guidance or not.*
- *The given tasks may seem very easy or very difficult. We expect you to approach the tasks with professional diligence and give them the attention they deserve."*

# GET SOCIAL WITH US



*[www.codsoft.in](http://www.codsoft.in)*



*[contact@codsoft.in](mailto:contact@codsoft.in)*



*[CodSoft](#)*