# 2-Months Internship
# Assignments

1st Month: Basic-Intermediate Level
(August 10 - September 10)

## Domain: Web Developer Intern
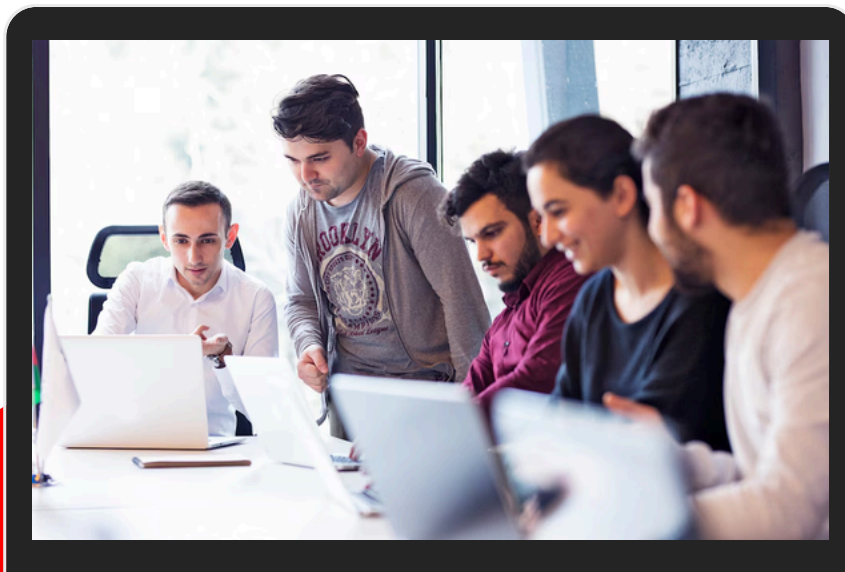
**Deadline: End of the week.**

# Week 1: Basic Assignment

## Assignment 1: Portfolio Website

- **Objective:** Create a personal portfolio website showcasing your skills, projects, and contact information.
- **Skills Covered:** HTML, CSS, and basic JavaScript.
- **Outcome:** By the end of this week, you should have a fully functional, mobile-friendly portfolio site that introduces you and your work.

### Basic Requirements:

1. Use HTML, CSS, and basic JavaScript.
2. Implement responsive design using CSS Grid/Flexbox.
3. Include a home page, about page, and contact form.

**Deadline: End of Week**

# Week 2: Intermediate Assignment

## Assignment 2: Dynamic Blog Platform

- **Objective:** Build a blog platform where users can create, edit, and delete blog posts.
- **Focus:** You should have a functional blog site where users can manage their posts.
- **Skills Covered:** HTML, CSS, JS, SQLite, CRUD operation

## Basic Requirements:

1. Use HTML, CSS, and JavaScript for the frontend.
2. Implement basic CRUD operations (Create, Read, Update, Delete) using a backend framework like Node.js or Django.
3. Store data in a simple JSON file or a local database (e.g., SQLite).

## Deadline: End of Week

# Week 3: Intermediate Assignment

## Assignment 3: E-Commerce Product Page.

- **Objective:** Develop a product page for an e-commerce site that includes product details, images, and an add-to-cart feature.
- **Focus:** A dynamic product page with basic e-commerce functionality.
- **Skills Covered:** HTML, CSS, and JavaScript.

## Basic Requirements:

1. Use HTML, CSS, and JavaScript.
2. Implement a product gallery with zoom-in functionality.
3. Add an interactive add-to-cart button with a simple cart system.
4. Ensure the design is fully responsive.

**Deadline: End of Week**

## Assignment 4: Build a RESTful API for a Task Management App

- **Objective:** Develop a RESTful API that supports a task management app where users can create, update, delete, and list their tasks.
- **Focus:** RESTful API ready to support a frontend task management application.
- **Skills Covered:** API Integration

### Basic Requirements:

- Use Node.js/Express or Django for the backend.
- Implement authentication (optional).
- Store tasks in a database (e.g., MongoDB, MySQL).
- Ensure the API follows REST principles and is well-documented.

**Outcome:** By the end of the week, you should have a functional RESTful API ready to support a frontend task management application.

**Mid-Internship Review:** A session to discuss the completed assignments.

**Assignment Submission:** Assignment submission will be taken at end Mid of internship

# General Guidelines

**Self-Directed Learning:** Participants are expected to be proactive in learning and completing their tasks. While guidance is available, no daily sessions will be conducted.

**Resource Access:** Participants will have access to relevant learning materials and tools but must take the initiative to explore and utilize them.

**Evaluation:** Performance will be assessed based on assignment completion, project contributions, and presentation effectiveness.

# Thank You!

We look forward to seeing what you can achieve!

## Let's Get In Touch

**Contact Us**

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