Web Development using php

★ About Web Development ★

Web Development is the most demanding job currently in IT World. Daily hundreds of start-ups are started and increase demand for Web Developers. Unlike Java & Python, Web Development does not rely on a single language but needs skills of multiple languages such as HTML, CSS, JavaScript, JavaScript Frameworks, PHP and many others. Experience and skills matters lot in this field. A senior Web Developer earns around Rs. 70,00,000/- p.a.

★ Whom is this course for? ★

✓ Candidate seeking Job in Web Development.

✓ Students seeking Diploma/Degree in Computer Engineering.

✓ Any student curious to gain practical knowledge on Website Development with Hands-on training.

★ Prerequisites ★

✓ Basic Computer, Internet & Basic Mathematics Knowledge is expected.

✓ No programming or any kind of professional course knowledge is expected

⭐ *Syllabus* ⭐

1. *Web Development Concepts* 🕐 1 hr

1.1 What is Web Designing & Web Development?
1.2 Intro to Client-Side & Server Side Scripting Languages
1.3 Functions of Web Server
1.4 Text-Editors and Web Browsers
1.5 What is Web Hosting? Types of Web Hosting
1.6 SSL Certificate (HTTPS).

2. *HTML 5* 🕐 12 hrs

2.1 HTML Versions
2.2 Basic & Formatting Elements of HTML
2.3 Tables, Lists, Hyperlinks, Bookmarks & Images
2.4 Forms Elements.
2.5 Canvas & SVG
2.6 HTML 5 Tags
2.7 Session & Cookies
2.8 Geolocation

3. *CSS 3* 🕐 25 hrs

3.1 CSS Syntax and types of usage.
3.2 CSS Selectors.
3.3 Typography and color models
3.4 CSS Properties & Units
3.5 Variables in CSS
3.6 Transformation, Transition & Animation in CSS
3.7 Flexbox & Media Queries
3.8 *Practice*: Responsive Website Design using HTML 5 & CSS 3

4. Introduction to JavaScript 🕐 20 hrs

4.1 Basics of JavaScript
4.2 Variables and operators in JavaScript
4.3 Condition Statements & Loopings
4.4 Functions & Events
4.5 JS Arrays & Objects
4.6 Form Validation
4.7 JS DOM

5. jQuery, Bootstrap 4 & MDB Framework 🕐 12 hrs

5.1 Introduction to jQuery 3.5
5.2 jQuery Effects
5.3 jQuery Traversing
5.4 Introduction to Bootstrap
5.5 Bootstrap Grid & Colors
5.6 Bootstrap Tools
5.7 Introduction to MDB Framework
5.8 *Practice:* UI Design for a dynamic website using MDB

6. MySQL & phpMyAdmin 🕐 8 hrs

6.1 Different Types of Database
6.2 Installation of Database
6.3 DDL, DML & DCL Commands

7. Web Programming (PHP) 🕐 12 hrs

7.1 Introduction to PHP
7.2 HTML Forms Data Handling
7.3 AJAX using jQuery
7.4 Sessions & Cookies

8. More on Web Development ⏰ 4 hrs

8.1 Important 3rd Party Libraries
8.2 Introduction to PHP Frameworks
8.3 Introduction to JavaScript Frameworks
8.4 Introduction to WordPress

9. Web Hosting ⏰ 8 hrs

9.1 Concept of Domains, Subdomains, Free & Paid Domains, Domain Transfer
9.2 Types of Web Hosting
9.3 Introduction to Shared Hosting
9.4 Hosting website and database on a shared server.

★ Final Examination ★

- **Syllabus:** All Modules
- **Marks:** 100 Marks
- **Minimum Passing Marks:** 60
- **Time Limit:** 3 Hours
- **Paper Pattern:** MCQ's + Problem Statements
- **Type of Exam:** Online

★ Internship ★

Opportunity to work on any of the live ongoing project in Hertzsoft Technologies Pvt. Ltd. only if candidate clear Final Examination.

(Offer Letter, Experience Letter & Certificate of Internship Provided)