

PHP FULL STACK DEVELOPMENT

SEGMENT 1: WEB DESIGNING

SEGMENT 2: JAVASCRIPT

SEGMENT 3: PHP DEVELOPMENT

SEGMENT 4: MYSQL DATABASE

SEGMENT 5: PHP FRAMEWORK

SEGMENT 6: LIVE PROJECT IMPLEMENTATION

DURATION: 2 MONTHS

WEB DESIGNING

Overview of HTML

Overview of HTML

Introduction to HTML

Creating an HTML Document

Formatting text with HTML

Paragraph Formatting with HTML

Character Formatting with HTML

Adding Internal Links with the Named Anchor Tag

Creating lists in HTML

Creating Lists and Nested Lists

Creating tables in HTML

Creating and Modifying Tables
Creating Advanced Table Elements

Setting Body and Background Attributes

Setting Background and Text Colors

HTML5 Training Syllabus

Overview of what's new in HTML5

- Doctype
- Charset
- New structures / tags
- Inline Elements
- Support for dynamic pages
- Form types
- Deprecated codes

Current browser / platform support

Importance of the Document Object Model (DOM)

Using the new HTML5 Tags

Defining page structure using the new HTML 5 tags

New HTML5 Elements

CSS Training Syllabus

Types of Style Sheets

- Inline Styles
- Embedded Styles
- External or Linked Styles

Inheritance and Cascading Order

- Inheritance
- Conflicting Styles
- Specificity

Formatting Text and Fonts

- Font Families
- Font Size
- Kerning, Leading, and Indenting

Formatting Colors and Backgrounds

- The Color Attribute
- The Background Attribute
- Background Colors and Images

Exploring CSS Class and ID Attributes

- Defining The CSS Class Attribute
- Defining The CSS ID Attribute

Create Your Own HTML Tags

- HTML Span and DIV Tags
- Creating Block-Level HTML Tags
- Creating Inline HTML Tags

Positioning Block-Level Elements

- Relative and Absolute Positioning
- Formatting The Block-Level Box Model
- Element Visibility Controls

CSS3 Training Syllabus

Introducing CSS3

- What is CSS3?
- The History of CSS
- Browser Support
- HTML5

Selectors and Pseudo Classes

- Attribute Selectors
- The Target Pseudo-Class
- UI Element States Pseudo-Classes
- Negation Pseudo-Class
- Structural Pseudo-Classes

Fonts and Text Effects

- Fonts on the Web
- Font Services
- The @font-face Rule
- Text Shadow
- Word Wrapping

Colors, Gradients, Background Images, and Masks

- Color
- The Opacity Property
- Backgrounds
- background-origin, and background-size

Borders and Box Effects

- Image Borders
- Rounded Corners
- Box Shadow

Embedding Media

- Video Formats

- Styling Video

Accessibility Features

- Web Accessibility
- The CSS3 Speech Module

Advanced Bootstrap Training

- Blog
- Carousel
- Cover
- Dashboard
- Jumbotron
- Navbar
- Navbar Fixed Top
- Navbar Static Top
- Starter Template

JAVASCRIPT

JavaScript - Get Started

What is JavaScript

Setup JavaScript Dev Environment

HTML <script> Tag

JavaScript - Syntax

JavaScript - Popup Message

JavaScript - Variables

JavaScript - Operators

JavaScript - Data Types

JavaScript - String

JavaScript - String Methods

JavaScript - Numbers

JavaScript - Boolean

JavaScript - Object
JavaScript - Date
JavaScript - Date Methods
JavaScript - Array
JavaScript - Array Methods
JavaScript - null and undefined

JavaScript - Function
JavaScript - if condition
JavaScript - switch
JavaScript - for loop
JavaScript - while loop
JavaScript - Scope
JavaScript - eval
JavaScript - Error Handling

CORE PHP

Introduction of Web & PHP

- What is PHP?
- The history of PHP
- Why choose PHP?
- Installation overview

First Steps

- Embedding PHP code on a page
- Outputting dynamic text
- The operational trail
- Inserting code comments

Exploring Data Types

- Variables
- Strings
- String functions
- Numbers part one: Integers
- Numbers part two: Floating points
- Arrays
- Associative arrays
- Array functions
- Booleans
- NULL and empty
- Constants

Control Structures: Logical Expressions

- If statements
- Else and elseif statements
- Logical operators
- Switch statements

Control Structures: Loops

- While loops
- For loops
- For each loops
- Continue
- Break
- Understanding array pointers

User-Defined Functions

- Defining functions
- Function arguments
- Returning values from a function
- Multiple return values
- Scope and global variables
- Setting default argument values

Building Web Pages with PHP

- Links and URLs
- Using GET values
- Encoding GET values
- Encoding for HTML

- Including and requiring files
- Modifying headers
- Page redirection
- Output buffering

Working with Forms and Form Data

- Building forms
- Detecting form submissions
- Single-page form processing

Working with Cookies and Sessions

- Working with cookies
- Setting cookie values
- Reading cookie values
- Unsetting cookie values
- Working with sessions

MySQL Basics

- MySQL introduction
- Creating a database
- Creating a database table
- CRUD in MySQL
- Populating a MySQL database
- Relational database tables
- Populating the relational table

Using PHP to Access MySQL

- Database APIs in PHP
- Connecting to MySQL with PHP
- Retrieving data from MySQL
- Working with retrieved data
- Creating records with PHP
- Updating and deleting records with PHP
- SQL injection
- Escaping strings for MySQL
- Introducing prepared statements

Advanced PHP Techniques

- Using variable variables
- Applying more array functions
- Building dates and times: Epoch/Unix
- Formatting dates and times: Strings and SQL
- Setting server and request variables
- Establishing global and static variable scope
- Making a reference assignment
- Using references as function arguments
- Using references as function return values

Introduction to Object-Oriented Programming (OOP)

- Introducing the concept and basics of OOP
- Defining classes
- Defining class methods
- Instantiating a class
- Referencing an instance
- Defining class properties

OOP in Practice

- Understanding class inheritance
- Setting access modifiers
- Using setters and getters
- Working with the static modifier
- Reviewing the scope resolution operator
- Referencing the Parent class
- Using constructors and destructors
- Cloning objects
- Comparing objects

Sending Emails

- Configuring PHP for email
- Sending email with mail()
- Using headers
- Reviewing SMTP
- Using PHPMailer

MYSQL

- [MySQL - Home](#)
- MySQL - Introduction
- MySQL - Installation
- MySQL - Administration
- MySQL - PHP Syntax
- MySQL - Connection
- MySQL - Create Database
- MySQL - Drop Database
- MySQL - Select Database
- MySQL - Data Types
- MySQL - Create Tables
- MySQL - Drop Tables
- MySQL - Insert Query
- MySQL - Select Query
- MySQL - Where Clause
- MySQL - Update Query
- MySQL - Delete Query

CODEIGNITER IMPLEMENTATION

- [CodeIgniter - Installing CodeIgniter](#)
- CodeIgniter - Application Architecture
- CodeIgniter - MVC Framework
- CodeIgniter - Basic Concepts
- CodeIgniter - Configuration
- CodeIgniter - Working with Database
- CodeIgniter - Libraries

- CodeIgniter - Error Handling
- CodeIgniter - File Uploading
- CodeIgniter - Sending Email
- CodeIgniter - Form Validation
- CodeIgniter - Session Management
- CodeIgniter - TempData
- CodeIgniter - Page Redirection
- CodeIgniter - Application Profiling
- CodeIgniter - Adding JS and CSS

LIVE PROJECT IMPLEMENTATION

- BANK MANAGEMENT SYSTEM
- ONLINE EXAMINATION SYSTEM