

PHP Full Stack Developer

Course Content

Total Hours:

Front End Developer

HTML

Session1:

- What is HTML?
- Create HTML Document
- HTML Document Structure
- HTML Tags Types
- Text Formatting
- HTML Comments
- Elements Attributes
- Common Tags (Heading & Paragraph)

Session2:

- Hyperlinks
- Images
- Lists
- Tables

Session3:

- Entities Code
- Inline & Block Elements
- Semantic Tags
- Audio & Video

Session4:

- HTML Forms (Login Form, Sign up Form, Contacts us Form)

CSS:

Session1:

- Intro to CSS
- CSS Syntax
- Style Types
- Background-color & color properties
- Background-image

Session2:

- CSS Classes
- Margins
- Padding
- Borders & Border-radius
- Outline

Session3:

- Text Properties
- CSS Fonts
- Box shadow
- Positions
- Layers

Session4:

- Pseudo Classes
- Pseudo Elements
- Transitions

Session5:

- Transform
 - Flex Box
 - Media Query
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Javascript

Session1:

- Intro to JavaScript
- Why JavaScript
- First JS Code
- Where to put JS Code
- JS deal with HTML and CSS
- JS Comments

Session2:

- What is ECMA Script6
- Programming Concepts
- Data Types
- Variables
- Operators

Session3:

- Conditional Statements
- Loops

Session4:

- What is Function
- Function Declaration
- Function Parameters
- Return Statement

Session5:

- Arrow Functions
- Higher Order Functions

Session6:

- JS Arrays
- Arrays Methods

Session7:

- Objects
 - Using Map Method
-

JQuery

Session1:

- What is jQuery
- jQuery Syntax
- jQuery Animation Methods

Session2:

- Dealing CSS
- Events Handling

Session3:

- Call Back Function
- Animate Method
- Prevent Default

Bootstrap

Session1:

- What is Bootstrap
- Download & Use Bootstrap
- Building Web Site Using Bootstrap

Session2:

- Navbar & Carousel and Buttons Components
- Bootstrap Forms & Tables

Session3:

- Using Card Components
 - Using Bootstrap Grid System
 - Bootstrap Utilities
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React.js

Session1:

- Intro to React.js
- Creating First React App
- React App Structure
- How is React Work
- Real DOM & Virtual DOM

Session2:

- JSX
- What is Component
- Create your own component
- Import & export react libraries
- Render Elements

Session3:

- Props
- Event Handling
- Conditional rendering
- Intro to React Hooks

Session4:

- useState & useEffect Hooks
- React Routing
- Data Fetching From API

Session5:

- React Hooks
 - useRef
 - useContext
 - useReducer
 - useMemo
 - Custom Hooks
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Back End Developer

PHP Programming

Session 1:

- What is PHP
- Why PHP
- Setup Environment (Install Local Web Server)
- Client – Server Relationship
- Create First PHP Project
- PHP Syntax
- PHP Comments

Session 2:

- Include PHP Script
- Data Types
- Variables
- Concatenation

Session 3:

- Conditional Statements
- Switch Statement

Session 4:

- Loops (For , While and Do while Loop)

Session5:

- PHP Functions
- Function Declaration & Usage
- Function Parameters
- Default Parameters

Session 6:

- PHP Arrays
- Numerical Indexed Array
- Associative Array
- Multi Dimension Array
- Array methods

Session 7:

- Dealing HTML Form
- Get User Input
- Cookies
- Sessions

OOP:

Session 1:

- Introduction to OOP
- Class & Objects
- Class Declaration
- Building class components (Properties & Methods)
- This Pseudo Variable
- Create an Object
- Static Methods

Session 2:

- Access Modifiers
- Constructor Method
- Encapsulation
- Inheritance

Session 3:

- Exceptions Handling
- Overriding
- Polymorphism

PHP Laravel Framework

Session1:

- What is Laravel & Why?
- Create your first Laravel App
- App Structure Overview
- Laravel Design Pattern (MVC)
- Creating Model, View and Controller

Session2:

- Routing
- Router Naming
- Routers Group
- Router Navigations
- Router Parameters

Session3:

- Intro to Blade System
- Installing Dashboard
- Installing Web Design

Session4:

- Introduction to Migrations
- Creating Migrations Files
- Migrations Files Updating

Session 5:

- Introduction to Query Builder
- Create , Read, Update and Delete Data (CRUD Operations)

Session 6:

- Introduction to Eloquent ORM
- Create , Read, Update and Delete Data (CRUD Operations)

Session 7:

- Uploading Files
- Validations

Session 8:

- Tables Relationships

Session 9:

- Laravel Authentications

Session 10:

- Middleware
- Traits

Session 11:

- Laravel REST API