

PHP Fullstack developer course

Duration: 90-120 Hours

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PHP  
Fullstack

## Core PHP Concept

- ❖ Web technology Concept, type of Website. Type of Scripting language.
- ❖ PHP Syntax ,Variable, Constant, Data type, Operator
- ❖ Operator and Conditional Statements (if, if—else, nested, else if, multiple if)
- ❖ Control Structure and Switch Statement, Nested Switch Statement
- ❖ Array (Index,Associative,Mixed,MultiDimension)
- ❖ String ,Predefine String function, Maths function, Date functions, Array functions
- ❖ OOP's Introduction, Class and Object, Type of Class, Inner class, Anonymous object, Generic Class, Data abstraction, Encapsulation, Polymorphism, Constructor, Garbage collector, Inheritance, Abstract class, Interface
- ❖ What is Regular Expression? Server side validation
- ❖ Include, Include once, require and require once?
- ❖ What is Security in PHP?
- ❖ What is Data encryption in PHP?
- ❖ PHP 7 Features (Spaceship operator, Scalar parameters and Return Type)
- ❖ Exception handling in PHP
- ❖ Anonymous class in PHP
- ❖ Type of Errors in PHP?

## REST API on PHP

- ❖ Database connectivity using MySQL
- ❖ MySQL Console SQL Practice
- ❖ What is JSON, JSON method in PHP
- ❖ Create REST API in PHP using GET, POST, PUT and Delete Method
- ❖ Test API using Postman
- ❖ Login API Registration API
- ❖ File Uploading REST API in PHP
- ❖ Payment Gateway
- ❖ Mail API, SMS API, Chat Server Integration
- ❖ Consume API in React Application

## REACT Framework

- ❖ Introduction to ReactJS
- ❖ Comparison of Different Version of React
- ❖ How to install React on machine
- ❖ React Project Structure
- ❖ React vs Angular
- ❖ React components
- ❖ What is Function Component and Class Component
- ❖ React Props & State
- ❖ REACT JSX
- ❖ React HOOKS
- ❖ React List and Keys
- ❖ React refs

- ❖ REACT CONSTRUCTOR
- ❖ Reacts Events
- ❖ React Internals
- ❖ Component inter communication
- ❖ Component composition
- ❖ Component styling
- ❖ Add styles to your components
- ❖ Forms in react, Template driven, reactive
- ❖ React Router and Single Page Applications
- ❖ More Redux and Client-Server Communication
- ❖ How to call REST API in React
- ❖ API using FETCH
- ❖ API using AXIOX

## Design tools

- ❖ HTML5,CSS3,JS,Jquery,Angular

## Database and SDLC

- ❖ SQL Query,Table,Relationship
- ❖ SDLC,E-R Diagram,DFD,CLASS Diagram, Use Case Diagram,SRS,Synopsys,Project Report



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