



PHP Training Course

Project Based Immersive Learning Course

Course Overview?

This course is designed to provide you with a comprehensive understanding of PHP, enabling you to create top-notch websites and applications that meet the demands of modern businesses. Throughout this course, you will learn how to seamlessly integrate the web interface with the back-end, allowing you to leverage this integration for optimal outcomes. The course will cover the request/response cycle. Additionally, the course introduces the basics of Hypertext Markup Language (HTML), as well as the fundamental syntax and data structures of the PHP language, including variables, logic, iteration, arrays, error handling, and superglobal variables, among other elements. Furthermore, the course provides an overview of Cascading Style Sheets (CSS), which will enable you to design webpages.

Benefits of PHP Training Course :

There is currently a high demand for PHP developers in various industries, and with a worldwide shortage of software and PHP development skills, analysts predict that this demand will continue to be high well into the foreseeable future. It is known for its advanced features, ease of use, and open-source nature. In combination with MySQL, a powerful, secure, and scalable database solution, PHP is ideal for building sophisticated websites. This training course is designed to help

you master both PHP and MySQL, providing you with numerous opportunities to pursue high-paying job roles.

Who should learn:

- HTML Developers
- Java Developers
- UI Designers
- Database Developers and Administrators
- Aspiring Web Developers

Why do you need PHP Training Course?

Average Salary Growth:

The average salary growth of a PHP developer can vary depending on various factors such as their level of experience, skills, location, industry, and company size. However, according to data from PayScale, the average salary for a PHP developer in the United States ranges from around \$49,000 to \$110,000 per year. PHP developers can expect to see salary increases of around 5-10% per year as they gain more experience and take on more challenging projects.

Industries:

PHP is a popular programming language used to build dynamic websites and web applications, which makes it a critical skill for companies that rely heavily on web development. As a result, many MNCs require PHP developers to maintain and develop their web properties, including e-commerce sites, content management systems, and web-based applications. Here are some of the top MNCs that have a high demand for PHP developers: Google, Amazon, Facebook, Apple, Microsoft, IBM, Oracle, Accenture, Tata Consultancy Services (TCS), Infosys, Wipro, Cognizant, Deloitte, Ernst & Young (EY)PwC PricewaterhouseCoopers)

Position in Market:

According to W3Techs, a web technology survey company, as of April 2023, PHP is used by 78.8% of all websites whose server-side programming language we know. This includes websites of all sizes and types, from small blogs to large e-commerce sites and social networks. According to the United States Bureau of Labor Statistics (BLS), the employment of web developers, which includes PHP developers, is projected to grow 8% from 2020 to 2030, which is faster than the average for all occupations.

Designations:

- PHP Developer
- Full Stack Developer
- Web Developer
- Software Developer
- PHP Programmer
- Backend Developer

Why PHP Course from Education Nest

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**
- **Flexible Schedules**
- **24x7 Support**
- **One on One Doubt Clearing**
- **Real Time Project-Based Learning**
- **Certificate Oriented Curriculum**

Key Skills Covered:

- Hypertext Preprocessor (PHP) Basics
- HTML
- Cascading Style Sheets (CSS)
- Object-Oriented Programming
- Advanced Queries
- CakePHP Controller
- Generate Forms
- Develop a Website

PHP Course Syllabus

Introduction of PHP and Conditional Logic

- PHP introduction
- Environment setup in different platforms
- Script syntax
- How to declare variable and data types
- Constants
- Arrays
- Strings
- Web concepts
- Decision making statements
- loop types
- operators

Understanding Functions and Error Handling

- What is Functions
- Creating PHP functions
- PHP functions with parameters
- Argument by reference

- setting default values for function parameters
- dynamic function calls
- PHP mails
- how to send text mail
- how to send html emails
- how to send attachments with emails
- regular expressions
- POSIX regular expressions
- predefined character ranges
- Regexp POSIX functions
- PERL style regular expressions
- Regexp PERL compatible functions
- Date and time functions
- Built-in functions
- file inclusion
- file manipulations
- exception handling
- bugs debugging

Object Oriented Programming(OOPS)

- What is Object Oriented Concepts
- Defining classes
- Creating Objects
- Member functions
- Constructor and Destructor
- Inheritance
- Function overriding
- Access Specifiers- private
- public and protected members
- Interfaces
- Constants

- Abstract Classes
- Static keyword
- Final keyword

MySQL

- Database Introduction
- MySQL installation on various platforms
- MySQL connection
- Database creation
- Database Manipulations- Add
- Edit
- Retrieve and Delete
- Table creation and table manipulations- Add Edit
- Retrieve and Delete

PHP: Manipulating Data and Executing Queries

- LIKE clause
- Sorting
- Joins
- Handling NULL Values
- Regular Expressions
- Transactions
- ALTER Command
- Indexes
- Temporary Tables
- Clone Tables
- Database
- Information
- Sequences

- Handling Duplicates

Basics of MVC Infrastructure & CakePHP

- Introduction to MVC
- What are Model-View-Controller
- Why use framework in the project (conventional vs. MVC project)
- Installation of CakePHP
- CakePHP folder structure
- File naming conventions
- Important config file (core.php, database.php)

CakePHP Controller, Views and Layout

- Application flow - How Controller and view interacts/ exchanges data
- What are CakePHP helpers?
- Most commonly used helpers like Form
- HTML
- Session
- Cookie etc
- Create a controller and how URLs mapped to controller and views
- Create views and layouts

Models and Database Interaction in CakePHP

- Models: What are models and how they interact with database?
- Accessing and manipulating table data using find
- update methods of the model
- Joining tables
- conditions
- conditions other than =(LIKE, BETWEEN,)
- order by in CakePHP models

- Change database dynamically using the definitions in database.php config file

CakePHP Html Helpers for Building Dynamic Forms

- Introduction to basic html form
- get
- post methods
- Generate form elements like input boxes
- dropdowns
- radio buttons
- and links using CakePHP html helper
- Form validation using Model validation definitions
- Create
- retrieve and delete cookies
- Create
- retrieve and delete session variables
- File handling in CakePHP (create, delete, read files)
- CakePHP Global variables and their use,

Career Support

Profile Building :

Experienced professionals are available to offer tailored assistance in crafting your CV and online profiles, taking into account your unique educational and experiential background.

Interview Preparation :

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

Job Referrals :

At Education Nest, we receive a variety of job requirements from diverse sources such as organizations, our clients, HR consultants, and a vast network of Education Nest currently employed in different companies. We strive to meet these varied requirements to the best of our abilities.

Continuous Support :

We offer continuous support for as much time as you need it, and a considerable number of our learners receive multiple interviews offers and promising employment opportunities as a result of the abilities they gain during the program.