



FULL STACK PHP DEVELOPER MASTER'S PROGRAM



www.stadacademy.com

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PHP
Full Stack
Developer

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ABOUT STAD ACADEMY

We Started Lambda School Because We Believe That The “Traditional” Model Of Higher Education Is Broken. Every Year, People As Young As 17 Years Old Take On Tens Of Thousands Of Dollars In Student Debt And Pray That The Education They’re Investing In Will Land Them On A Job On The Other Side.

Unfortunately, Traditional Colleges And Universities Have No Incentive To Ensure Their Graduates Get Hired – They Get Paid Regardless.

At Lambda School, We Believe There Is A Better Way To Approach Education.

Instead Of Asking Our Students To Bet On Us, We Bet On Them First. Lambda’s Model Is Built On Income Share Agreements (Isas) – Our Students Pay No Tuition Upfront, And Agree To Pay Back 17% Of Their Income Post-Graduation For Two Years, But Only Once They’re Making \$50,000 Or More. And If They Don’t Find A High-Paying Job After 60 Months Of Deferred Payments? They Pay Nothing. This Paradigm-Shifting Model Allows Us To Align The Incentives Of The School With The Incentives Of Our Students – And We All Win When Our Graduates Succeed.

ABOUT THE COURSE

The rise of the full stack developer hasn't happened in a vacuum. Organizations are moving towards digital, where the technology is fully embedded in the rest of the organization, rather than living in an IT department, and full stack developers are needed to give these organizations the agility and skill sets they need. The full stack developer must therefore be a specializing generalist who can take on a number of different tasks, and work with skills from other disciplines.

COURSE OBJECTIVE

Enable participants to develop a complete web application from the scratch that includes Front-end, Backend and Data-exchange technologies. Build strong foundations in entry level engineers thereby making them job ready as per industry requirements. Enable them to learn new technologies by applying foundation paradigms. By the end of the program participants will become an industry-ready engineer who can be readily deployed in a project.

PHP is one of the trending technology to be learned.

- One can Code, test and debug a PHP application.
- Build dynamic server-side PHP applications
- Learn to install PHP and basic output and variables.
- Candidates can develop a complete CMS using PHP.
- PHP also helps to develop image uploading website using PHP.

COURSE FLOW

Full Stack Web developer course starts with introducing participants with front-end technologies (ex: HTML5/CSS/JS) and makes them develop responsive one page web applications. Followed by that it deep dives into stack components and brings hands-on perspective to building scalable web applications by leveraging "JavaScript everywhere" phenomenon. Throughout the course foundation paradigms are stressed to ensure participants clearly understand software engineering fundamentals and apply them.

WHO SHOULD TAKE UP THIS COURSE?

- Graduates/Undergraduates looking to make their career as full Stack PHP Developer
- PHP Backend Developer
- Freelancers who want to build and test their own apps by leveraging PHP Stack

KEY FEATURES



Industry-recognized
Certification



Guaranteed Interviews &
Job Support



Soft Skills
Training



Flexible
Scheduling



Resume
Preparation



Mock
Interviews



Sessions With
Industry Mentors



Carrier
Assistance



Practical & Industrial
Experience on Live
Projects



Instructor
-Led



Job Assistance Through
100+ Corporate Tie-ups

TOP SKILLS AND TOOLS COVERED

✓ HTML	F	✓ Codeigniter	FW
✓ CSS	F	✓ API Building	B
✓ Bootstrap	F	✓ Postman	A
✓ JavaScript	F	✓ Git	A
✓ JQuery	F	✓ GitHub	A
✓ apache	S	✓ FileZilla	T
✓ PHP	B	✓ Notepad++	E
✓ MySQL	DB	✓ Sublime	E

A = Applications	B = Back End	E = Editor
F = Front End	S = Server	T = Tool
FW = Framework	DB + Database	

LEARNING PATH

Become A Full - Stack PHP Dev In A Six Months



OUR APPROACH

- Best-in-class Training by Trained Professionals in their native fields.
- Maintained student-trainer ratio to bringing visibility
- Live Project Training
- Personalised approach.
- Resume and Interview Preparation
- Soft skill Training
- Compact Study Materials and Tools
- Get Recognized Certificates.
- Job Oriented Training and Placement assistance.
- Max Six Student Class for better attention

HTML

This course provides you hands-on experience and exposure to developing HTML5 based single page applications for browsers. This course builds a strong foundation on HTML5 which will help developers to use HTML5 concepts for building responsive web applications.

Building Strong expertise to develop front end application using HTML5
 Implement MVC and responsive design to scale well across PC, tablet and Mobile Phone

Introductio

- What is Website
- What is Webpages
- Type of website
- Domain
- Web Hosting

Namespace & Doctype

- What is HTML
- HTML Syntax

HTML Elements

- Head
- Title
- Favicon
- Metatag
- Body

Paragraph

- p...../p
- Align
- HTML-Anchor
- a...../a
- href
- Target
- Title

Named Anchor

- Image With Link
- Link Colors

HTML-List

- Unordered List
- Ordered List
- Definition List

HTML-pre

HTML-Quotes

HTML-blockquote

HTML-abbr

HTML-Address

HTML-Comments

Text

Heading Tags

- h1...../h1
- h2...../h2
- h3...../h3
- h4...../h4
- h5...../h5
- h6...../h6

Text Formatting

- b...../b
- i...../i
- strong...../strong
- em...../em
- strike-through...../strike-through
- del...../del
- small...../small
- big...../big
- code...../code
- sub...../sub
- sup...../sup

Empty Tag

- Hr
- br

HTML-Table

- table...../table
- tr...../tr
- td...../td
- th...../th
- Width & Height
- V-align
- Caption
- Cellpadding
- Cellspacing
- Colspan
- Rowspan
- Bgcolor
- Background
- Frame

Background

Bgcolor

Background-image

HTML Entities

- copy
- nbsp
- beta
- gamma
- dollar
- & Many more...

HTML-Image

- img...../img
- Src
- Width & Height
- Border
- Align
- Alt
- Title
- Hspace
- Vspace

HTML-Marquee

- marquee...../marquee
- Direction
- Loop
- Scrollamount
- Bgcolor
- Width & Height
- Behavior
- Image with marquee
- Vspace
- Hspace
- Nested Marquee

Frame

- frameset...../frameset
- frame...../frame
- src
- Frameborder
- Noresize
- Cols
- Rows
- • _parent

iFrame	• Method	Technique
• iframe...../iframe	• Enctype	• Textarea
• src	• Input type	• Legend & Field set
• Frameborder	• Text	• Hidden Form Control
• Width & Height	• Password	
	• Type of Button	
HTML-Form	• type of Method	HTML-Block & Inline
• form...../form	• Selection	Element
• Action		• div
		• span

CSS

Building Strong expertise to develop front end applications using CSS. Implement MVC and responsive design to scale well across PC, tablet and Mobile Phone. Without CSS, every web page would be drab plain text and images that flowed straight down the page. With CSS, you can add color and background images and change the layout of your page. Your web pages can feel like works of art! You will learn many aspects of styling web pages! You'll be able to set up the correct file structure, edit text and colors, and create attractive layouts. With these skills, you'll be able to customize the appearance of your web pages to suit your every need!

This course provides you hands-on experience and exposure to developing CSS3 based web applications. This course builds a strong foundation on CS33 which will help developers to use CSS3 concepts for building responsive web applications.

Introduction		
• What is CSS	• Font-family	• Width and height
• Type of CSS	• Font-style	• Text-align
• CSS Syntax	• Font-variant	• Vertical-align
• CSS Rules	• Font-weight	• Background-color
• Color value	• Font-size	
• CSS measurements	• Color	List Property
	• Direction	• list-style-type
CSS Selector	• Letter-spacing	• list-style-position
• ID	• Word Spacing	• list-style-image
• Class	• Text-Indent	
• Single Elements	• Text-align	Floating Element
• Multiple Elements	• Vertical-align	• >Left
• All Elements	• Text-decoration	• Right
• Specific Element by ID	• Text-transform	• None
• Specific Element by Class	• White-space	
• Child Selector	• Line-height	Links CSS &
• Descendant Selector		Pseudo-class
• Adjacent sibling selectors	Font Property	• :link
• General sibling selectors	• Box Model	• :visited;
	• Border	• :hover
CSS Selector	• Margins	• :active
• Background Property	• Padding	
• Background-color	• Outline	Clear Property
• Background-image		Cursors
• Background-repeat	Table Property	
• Background-position	• Border-collapse	CSS-Display
• Background attachment	• Caption-side	• z-indexBlock
	• Border-spacing	• Inline
Font Property	• Empty-cells	• Inline-block
		• None

CSS-Layer

- z-index

Position

- Static
- Fixed

- Relative
- Absolute

CSS Overflow

- Visible
- Hidden
- ImageOpacity

Position

- Static
- Fixed
- Relative
- Absolute

BOOTSTRAP

Get started with Bootstrap, the world's most popular framework for building responsive, mobile-first sites, with BootstrapCDN and a template starter page. To become proficient in Bootstrap concepts . To develop a web pages based on Bootstrap

Components and options for laying out your Bootstrap project, including wrapping containers, a powerful grid system, a flexible media object, and responsive utility classes. This course is targeted for fresh engineers or professionals who want to build competency in the Bootstrap Based web development.

Introduction

- Introduction to Bootstrap
- Bootstrap Grid System
- Creating Layouts with Bootstrap
- Bootstrap CSS-Under standing the CSS
- Responsive Web design withBootstrap
- Single Page Responsive site with Bootstrap
- Customizing Bootstrap3
- Bootstrap Layout Components

Bootstrap Plug-ins

- Transition

- Modal
- Dropdown
- ScrollSpy
- Tab
- Tooltip
- Popover
- Alert
- Button
- Collapse

Bootstrap Layouts

- Components
- Glyphicons
- Dropdowns
- Button Groups
- Button Dropdowns
- Input Groups
- Navs
- Navbar

- Breadcrumbs
- Pagination
- Labels
- Badgets
- Page header
- Thumbnails
- Alert
- Progress bar
- Media object
- List group
- Panels
- Font Awesome Icons
- Web Application Icons
- Hand Icons
- Many more

JAVASCRIPT

JavaScript is a lightweight, cross-platform and interpreted scripting language. It is well-known for the development of web pages, many non-browser environments also use it. JavaScript can be used for Client-side developments as well as Server-side developments. JavaScript contains a standard library of objects, like Array, Date, and Math, and a core set of language elements like operators, control structures, and statements.

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Introduction

- What is javascript
- Advantages of javascript
- Why learn javascript
- Uses of Javascript
- What is validation
- Client-side validation
- Server-side validation
- Type of Javascript
- Javascript Syntax

Output Function

- Document.write
- Window.alert

Output Function

- Document.write
- Window.alert

Operator

- Arithmetic Operators
- Assignment Operators
- Comparison Operators
- Logical/Boolean Operators
- String Operators

DOM

- What is DOM
- Methods of document object
- getElementById()
- getElementsByName()
- getElementsByTagName()
- getElementsByClassName()
- Form Validation

Conditionial

- Statement
- If
- If...else
- If...else if...else
- Switch

Looping

- Statement
- Do..while
- While
- For
- Nested for

Function

- What is function
- Function without parameter
- Function with parameter
- Return Statement
- Local variable
- Global variable

Array

- What is Array
- Syntax of Array
- Length
- Concat()
- Push & pop
- Shift & Unshift

Dialog Boxes

- Alert
- Confirmation
- Prompt

Event

- Onclick
- Ondblclick

- Onfocus
- Onblur
- Onchange
- Onselect
- Onmouseover
- Onmouseout
- Onsubmit
- Onreset
- Onload

Page Print

- Window.print

Page Redirection

- Window.print

Page Redirection

- Window.location

Object

- String Object
- Date Object
- Math Object
- Window Object
- Navigator Object
- Image Object

JQUERY

Building Strong expertise to develop front end application using HTML5 Implement MVC and responsive design to scale well across PC, tablet and Mobile Phone.

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Introduction

- What is jQuery
- Downloading jQuery
- How to use jQuery
- Why use jQuery
- Syntax of jQuery
- Creating Simple jQuery

enabled page

- document.ready event

String Function

- charAt
- charCodeAt
- concat

- indexOf
- lastIndexOf
- substr
- toLowerCase
- toUpperCase
- Selector
- *

- Id
- Class
- Multiple Class
- Elements
- :first
- :last
- :even
- :odd
- attribute
- :empty
- :has
- :focus
- :header

Form Selector

- :text
- :password
- :input
- :checkbox
- :selected
- :disabled
- :enabled
- :file
- :button
- :reset
- :submit
- :odd
- attribute
- :empty
- :has
- :focus
- :header

Form Selector

- :text
- :password
- :input
- :checkbox

- :selected
- :disabled
- :enabled
- :file
- :button
- :reset
- :submit

Filtering

First-child

Last-child

Eq

Gt

lt

Not

Manipulating Page Content

- Creating,getting, and setting content
- Addclass(),toggleClass
- Function with parameter
- Inserting content
- Wrapping ,replacing,and removing
- Text-val

Working with Events

- Click<>
- dblclick<>
- Mouseenter<>
- Mouseleave<>
- Mousedown<>
- Mouseup<>
- Hover<>
- Change<>
- Submit<>
- Scroll<>
- Select<>
- Keydown<>

- Keyup()
- Keypress<>
- Toggle<>
- Bind<>

jQuery Animations

and Effects

- Hiding and showing elements
- Fading elements in and out
- Sliding elements
- Creating custom animations
- Toggling the elements

jQuery Animations

and Effects

- Exploring the jQuery UI widgets
- Exploring the jQuery UI effects

DOM Attributes

- Parent
- Parents
- Parents Until
- Find
- Siblings
- Next
- Next All
- Next Until
- Attr

Manipulation Methods

- After
- Before
- Append() & Append To()
- Clone
- Prepend
- Replace All
- Replace With

MYSQL

MySQL is the most popular Open Source Relational SQL Database Management System. MySQL is one of the best RDBMS being used for developing various web-based software applications. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company.

A database is a separate application that stores a collection of data. Each database has one or more distinct APIs for creating, accessing, managing, searching and replicating the data it holds.

Other kinds of data stores can also be used, such as files on the file system or large hash tables in memory but data fetching and writing would not be so fast and easy with those type of systems.

Nowadays, we use relational database management systems (RDBMS) to store and manage huge volumes of data. This is called relational database because all the data is stored into different tables and relations are established using primary keys or other keys known as Foreign Keys.

- Introduction about Database
- Working with PHP MyAdmin
- Basic MySQL
- Why and Scope of MySQL
- Creating Databases
- Creating a Databases connection with Web page
- Creating Tables in Database
- Specifying Field Data Types
- Selecting the Most Appropriate Data Type
- Adding Field Modifiers and Keys
- Selecting a Table Type Altering Tables
- Altering Table and Field Names
- Adding and Removing Fields and Keys
- Altering Table Types
- Import and Export database And table through PHPMYADMIN
- Backing Up and Restoring Databases and Tables
- Dropping Databases and Tables
- Viewing Database, Table, and Field Information
- SQL Queries
- Inserting Records
- Editing and Deleting Records
- Filtering Records with a WHERE Clause
- Order By, Group By ,Having, LIKE
- AND & OR Operators
- AVG(),COUNT(),SUM(), MIN(), MAX(), LCASE(), UCASE()
- MySQL Create,Insert,Select, Update,Delete, Truncate, Drop

PHP

PHP stands for Hypertext Preprocessor. PHP is a scripting language used to develop static and dynamic web pages and web applications. Here are a few important things you must know about PHP:

PHP is an Interpreted language, hence it doesn't need a compiler.

- * To run and execute PHP code, we need a Web server on which PHP must be installed.
- * PHP is a server side scripting language, which means that PHP is executed on the server and the result is sent to the browser in plain HTML.
- * PHP is open source and free.

PHP is one of the most widely used server side scripting languages for web development. Popular websites like Facebook, Yahoo, Wikipedia etc, and our very own Studytonight, are developed using PHP. PHP is so popular because it's very simple to learn, code and deploy on a server, hence it has been the first choice for beginners since decades. In this tutorial series we will be covering all the important concepts of Php language from basics to advanced and will also share some ready-to-use, useful code snippets for beginners to kickstart their web development project.

- | | | |
|---|---|--|
| Introduction <ul style="list-style-type: none"> • PHP History • Installation Of PHP Software • PHP syntax • Type of PHP | <ul style="list-style-type: none"> • String Operators | <ul style="list-style-type: none"> • and Parse error • Warning errors in PHP • Fatal error in PHP • Difference Between fatal error and warning |
| Variables <ul style="list-style-type: none"> • How to Create PHP Variables • PHP data Types • SuperGlobal Variable | Conditionai Statement <ul style="list-style-type: none"> • If • If...else • If...else if...else • Switch | Function <ul style="list-style-type: none"> • What is function • Function without parameter • Function with parameter • Return Statement • Scope of Function Global & Local • Recursive Function |
| Operators <ul style="list-style-type: none"> • Arithmetic Operators • Assignment Operators • Comparison Operators • Logical/Boolean Operators | Looping Statement <ul style="list-style-type: none"> • Do..while • While • For • Nested for • For each | PHP string <ul style="list-style-type: none"> • strlen() • strpos() |
| | Types of Error <ul style="list-style-type: none"> • Understand the Basic syntax | |

- str_word_count()
- addslashes()
- trim()
- strtoupper()
- strtolower()
- substr_replace()

Array

- What is Array
- Syntax of Array
- Understand the need of Array
- Difference between Array & Variables
- How to define an Array and when to use
- What is an index in array
- Print array using print_r()
- Function

- Numeric Array in PHP
- Associative Array in PHP
- Multi-Dimensional Arrays
- Foreach loop with key and without key definition
- Numeric Array in PHP
- Associative Array in PHP

Handling Html Form With PHP

- Capturing Form Data
- Generating File uploaded form
- PHP Form Validation using JQuery
- PHP GET
- PHP POST

PHP Session and Cookies

- What is a session and why

- it is required?
- Understand the basics of session
- with browser example
- Initialization of session with session_start() function
- Usage of session variable with \$_SESSION global array
- Check availability of session variable with isset() function
- PHP session_destroy() function
- PHP unset() function to remove data from session variables
- What is a Cookie and why it is required?
- Initialization of cookie variable

CERTIFICATES



CAREER SUPPORT



SESSIONS WITH INDUSTRY MENTORS

Attend sessions from top industry experts(10+ Experience) and get guidance on how to boost your career growth



LIVE PROJECT

liveProject gives you the opportunity to learn new skills by completing real-world challenges. Solve practical problems, write working code, analyze real data



100% GUARANTEED PLACEMENT

Students who enrol for a Job Guarantee Program are assured of a placement with a reputed company at the successful completion of their Training Program.



RESUME PREPARATION

Get assistance in creating a world class resume from our career services team



MOCK INTERVIEWS

Mock interviews to make you prepare for cracking interviews by top employers

SUCCESS STORIES

MK “The best part of this online course is the series of hands-on demonstrations the trainer performed. Not only did he explain each concept theoretically, but he also implemented all those concepts practically. Great job! A must go for beginners.

Mohit Konade

BS “Thank you very much for your top-class service. A special mention should be made for your patience in listening to my queries and giving me a solution, which was exactly what I was looking for. I am giving you a 10 on

Basant Shah

MK “I had taken up the Full Stack master’s program, which is a combo of different courses. Since there are so many technologies involved in the program, getting your query resolved at the right time becomes the most important aspect. But with Intellipaat, there was no such problem as all my queries were resolved in less than 24 hours.

Vinit Patil

BS “The Intellipaat team helped me in selecting the perfect course that suits my profile. The whole course was practically oriented, and the trainers are always ready to answer any question. I found this course to be impactful

Swapnil Method

Top clients we work with:





Get In Toch

Mobile :

+91 8454006303
+91 8454006303

Website :

www.stadacademy.com

Address :

Unit No.7, 2nd Floor, Seema
Sadan, Manchhu Bhai road,
Malad (E), Mumbai - 400097

Great Path Ahead !

