



FULL STACK PHP DEVELOPER

MASTER'S PROGRAM



STAD ACADEMY
SOFTWARE TESTING & DEVELOPMENT

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PHP
Full Stack
Developer

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About Stad Academy

Stad Academy serves students with a variety of complex programming skills. We, at Stad Academy, things are different. Each student's program are uniquely tailored to their specific needs. Students participate in specialized classroom learning and individualized support accelerates their learning and, as a result, they experience significant programming skills.

We help each student practice learning skills to achieve their full potential. We individually tailor our training to give every student the chance to experience daily success, build skills and self-confidence.

At Stad Academy, Students develop self-understanding and self-confidence, build academic and programming skills and learn to capitalize on their strengths and talents, well-prepared for their job.

With our headquarters in Mumbai, one of the IT hubs of India. We are an ISO 9001:2015 certified organization that operates through well-defined systems and procedures.

A formidable team of over 30 qualified professionals, and strong associations with Global Technology Leaders.

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 skillsets 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 scratch that includes Front-end, Backend & 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 industry-ready engineers 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.

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



20 + Hiring
Partners



100% Job Placement
Guarantee



Industry Expert
Training



Learn by
Practice



4 month Live
Project Working



Industry-recognized
Certification

Top Skills and Tools covered

- ✓ HTML F
- ✓ CSS F
- ✓ Bootstrap F
- ✓ JavaScript F
- ✓ JQuery F
- ✓ apache S
- ✓ PHP B
- ✓ MySQL DB

- ✓ Codeigniter FW
- ✓ API Building B
- ✓ Postman A
- ✓ Git A
- ✓ GitHub A
- ✓ FileZilla T
- ✓ Notepad++ E
- ✓ 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

1 WEEK HTML & CSS



1 WEEK JAVASCRIPT & J QUERY



2 WEEK CORE PHP PROGRAMMING, MYSQL& APACHE SERVER



3 WEEK ADVANCE PHP



1 WEEK LALAVEL



2 WEEK LIVE PROJECT



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 applications using HTML5
 Implement MVC and responsive design to scale well across PC, tablet and Mobile Phone.

Introduction	• Image With Link	Text Formatting	• Caption	• Title
• What is Website	• Link Colors	• b...../b	• Cellpadding	• Hspace
• What is Webpages	HTML-List	• i...../i	• Cellspace	• Vspace
• Type of website	• Unordered List	• strong...../strong	• Colspan	
• Domain	• Ordered List	• em...../em	• Rowspan	
• Web Hosting	• Definition List	•	• Bgcolor	HTML-Form
Namespace & Doctype		strike-	• Background	• form..../form
• What is HTML	HTML-pre	through...../strike-	• Frame	• Action
• HTML Syntax	HTML-Quotes	through	Background	• Method
HTML Elements	HTML-blockquote	• del...../del	Bgcolor	• Enctype
• Head		• small...../small	Background-image	• Input type
• Title		• big...../big	HTML Entities	• Text
• Favicon	HTML-abbr	• code...../code	• copy	• Password
• Metatag	HTML-Address	• sub...../sub	• nbsp	• Type of Button
• Body	HTML-Comments	• sup...../sup	• beta	• type of Method
Paragraph		Empty Tag	• gamma	• Selection
• p...../p	Text	• br	• dollar	Technique
• Align			• & Many more...	• Textarea
• HTML-Anchor	Heading Tags	HTML-Table	HTML-Image	• Legend & Field set
• a....../a	• h1...../h1	• table....../table	• img....../img	Element
• href	• h2...../h2	• tr....../tr	• Src	• div
Target	• h3...../h3	• td....../td	• Width & Height	• span
• Title	• h4...../h4	• th....../th	• Border	
Named Anchor	• h5...../h5	• Width & Height	• Align	
	• h6...../h6	• V-align	• Alt	

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

Bootstrap

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

Introduction	• Customizing Bootstrap3	• Alert	• Breadcrumbs	Icons
• Introduction to Bootstrap	• Bootstrap Layout Components	• Button	• Pagination	• Hand Icons
• Bootstrap Grid System		• Collapse	• Labels	• Many more
• Creating Layouts with Bootstrap		Bootstrap Layouts	• Badges	
• Bootstrap CSS-Under standing the CSS	Bootstrap Plug-ins	Components	• Page header	
• Responsive Web design with Bootstrap	• Transition	• Glyphicons	• Thumbnails	
• Single Page Responsive site with Bootstrap	• Modal	• Dropdowns	• Alert	
	• Dropdown	• Button Groups	• Progress bar	
	• ScrollSpy	• Button Dropdowns	• Media object	
	• Tab	• Input Groups	• List group	
	• Tooltip	• Navs	• Panels	
	• Popover	• Navbar	Font Awesome Icons	
			• Web Application	

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.

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.

Introduction	• Comparison Operators	• If...else	• What is Array	• Onload
• What is javascript	• Logical/Boolean Operators	• If...else if...else	• Syntax of Array	
• Advantages of javascript	• String Operators	• Switch	• Length	Page Print
• Why learn javascript	DOM	Looping Statement	• Concat()	• Window.print
• Uses of Javascript	• What is DOM	• Do..while	• Push & pop	
• What is validation	• Methods of document object	• While	• Shift & Unshift	Page Redirection
• Client-side validation	• getElementById()	• For	Dialog Boxes	• Window.print
• Server-side validation		• Nested for	• Alert	Page Redirection
• Type of Javascript			• Confirmation	• Window.location
• Javascript Syntax			• Prompt	
Output Function	• getElementsByName()	Function	Event	Object
• Document.write	• getElementsByTagName()	• What is function	• Onclick	• String Object
• Window.alert	• getElementsByClassName()	• Function without parameter	• Ondblclick	• Date Object
Output Function	• Form Validation	• Function with parameter	• Onfocus	• Math Object
• Document.write		• Return Statement	• Onblur	• Window Object
• Window.alert		• Local variable	• Onchange	• Navigator Object
Operator	Conditional Statement	• Global variable	• Onselect	• Image Object
• Artithmetic Operators	• If	Array	• Onmouseover	
• Assignment Operators			• Onmouseout	
			• Onsubmit	
			• Onreset	

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.

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.

Introduction	• Id	• :enabled	• :button	DOM Attributes
• What is jQuery	• Class	• :file	• :reset	• Parent
• Downloading jQuery	• Multiple Class	• :button	• :submit	• Parents
• How to use jQuery	• Elements	• :reset		• Parents Until
• Why use jQuery	• :first	• :submit	Working with Events	• Find
• Syntax of jQuery	• :last	• :odd	• Click<>	• Siblings
• Creating Simple jQuery enabled page	• :even	• attribute	• dblclick<>	• Next
• document.ready event	• odd	• :empty	• Mouseenter<>	• Next All
	• attribute	• :has	• Mouseleave<>	• Next Until
	• :empty	• :focus	• Mousedown<>	• Attr
String Function	• :has	• :header	• Mouseup<>	
• charAt	• :focus		• Hover<>	Manipulation Methods
• charCodeAt	• :header	Form Selector	• Change<>	• After
• concat		• :text	• Submit<>	• Before
• indexOf	Form Selector	• :password	• Scroll<>	• Append() & Append
• lastIndexOf	• :text	• :input	• Select<>	To()
• substr	• :password	• :checkbox	• Keydown<>	• Clone
• toLowerCase	• :input	• :selected	• Keyup()	• Prepend
• toUpperCase	• :checkbox	• :disabled	• Keypress<>	• Replace All
Selector	• :selected	• :enabled	• Toggle<>	• Replace With
• *	• :disabled	• :file	• Bind<>	

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 types of systems.

Nowadays, we use relational database management systems (RDBMS) to store and manage huge volumes of data. This is called a relational database because all the data is stored in 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

- PHP History
- Installation Of PHP Software
- PHP syntax
- Type of PHP

Variables

- How to Create PHP Variables
- PHP data Types
- SuperGlobal Variable

Operators

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

Conditional Statement

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

Looping Statement

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

Types of Error

- Understand the Basic syntax
- and Parse error
- Warning errors in PHP
- Fatal error in PHP
- Difference Between fatal

• error and warning

Function

- What is function
- Function without parameter
- Function with parameter
- Return Statement
- Scope of Function Global & Local
- Recursive Function

PHP string

- strlen()
- strpos()
- 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 iset() 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

- set cookie() function with different properties
- Setting a cookie in PHP

Working with file

- File Uploading & Downloading
- Open, read and closing a file
- Create and Write a file

OOPs

- Introduction
- Object
- Declaring a Class
- The new Keyword
- Constructor
- Destructor
- Access Method
- Properties using \$this Variable
- Public, Private and Protected
- Inheritance
- Polymorphism
- Abstract Method
- Interface

Error Handling & Exception

- What is Error
- Try, Catch, Throw Block Handling

Certificates



Placement



SESSIONS WITH INDUSTRY MENTORS

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



LIVE PROJECT

Live project 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 enroll for a Job Guarantee Program are assured of a placement with a reputed company at the successful completion of their Training Program.

Success Stories



“ 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.

Akash Yadav



“ 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

Priti Yadav



“ 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.

Rilesh Sharma



“ The Stad 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

Rahul Gupta

Top clients we work with:





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Great Path Ahead !

