

# Full Stack Web Developer



## About QuickXpert Infotech

QuickXpert Infotech provides professional training on some of the most updated, industry-designed certification & job-oriented training programs to both students & corporate from experts in classroom & online training format. Our wide range of courses blended by our placement process have helped students from both IT & non-IT fields to make career in IT Industry!

➤ **IT Courses - 1000+ Companies - 1000s Trained – Since 2014 !**

**Courses Offered** – JAVA, Dot Net, Software Testing, Web Development, Oracle Developer & DBA, MySQL, SQL Server, Digital Marketing, Python, Data Science & A.I., Data Analytics, Tableau, Power BI, Excel Analytics, R Programming, Hadoop, Android, Flutter, Salesforce, ServiceNow etc. please visit website for details.

**Our Live Projects** – MarriageOnix.com, BiodataKing, CRM Support etc.

## About The Course

This course caters to all 3 aspects of web development via web designing or front-end development, backend development using PHP and database development using MySQL. Plus, we have added latest technology React.js to help you make and Adv. FSD so that you can demand better pay in industry!

## Who Can Learn?

Both IT & non-IT candidates either fresher or experienced looking to make career in Python Development.

## Duration

- ❖ **4 months**

## Job Roles Targeted

- ❖ **Full Stack Web Developer**
- ❖ **Web Developer**
- ❖ **Application Developer etc.**

## Tools You Will Learn

**VS Code**



**HTML**



**CSS**



**JS**



**Bootstrap**



# Web Designing / Front-end Syllabus

## ❖ Learn

- HTML & HTML5
- CSS & CSS 3
- Media Query
- Javascript
- JQuery
- Twitter Bootstrap Framework
- Responsive Website Designing
- On Page SEO Techniques
- PHP Static Websites

## ❖ Web Design Overview

- About Responsive Website Designing

## ❖ HTML & HTML 5

- Table
- Types of Lists
- Forms
- Head tag & Meta tag
- Layout
- Classes and ID
- Div Tags
- Section Tags
- HTML 5 new element
- HTML 5 Validations

## ❖ On-page SEO Techniques

- Meta Tags - Title, Description, tags etc.
- Header Tags - H1, H2, H3, H4, H5 etc.

## ❖ CSS & CSS3

- Basics
- Background Image & Colors

- Selectors
- Declaration & Types
- Fonts & Text Properties
- Text Shadow, Gradients etc.
- Overflow & Display Properties etc.
- Effects - Border Radius, Box Shadow etc
- Box Model - Border, Margin etc
- Units in css
- Positions - Static, Absolute, Relative, Fixed, Sticky etc
- Transforms - 2d & 3d Effects
- Transitions - Color Effects
- Animations
- Menu & Navigation Bar
- Chrome's Inspect Element for Desktop & Mobile for Runtime CSS Manipulations

## ❖ CSS Media Query

- Overview
- Creating CSS Media Query Files
- Device Width wise CSS Programming

## ❖ JavaScript

- Basics
- Variables, Operators, Data Types etc
- Control Structures - If-Else, while, Do while, For Loops
- Logic Building Sessions
- Creating Functions
- Inbuilt Functions - Dates, Strings, Numerics etc
- Arrays
- Objects
- Events
- Regular Expressions
- HTML DOM
- Alert box etc

## ❖ jQuery

- Basics
- Effects
- DOM Parsing
- Form Validations
- Events
- functions
- Creating Images
- Dynamic CSS Programming
- Hide and show element etc

## ❖ Bootstrap

- Basics
- Grid system
- Tables
- Images & Buttons
- Font Awesome & Glyphy Icons
- Pagination
- Forms
- Menu & Navigation Bar
- Carousel Plugin
- Bootstrap Modals - (pop ups)
- Creating Responsive Websites in Bootstrap

## ❖ Project

# PHP, Adv. PHP & Wordpress

❖ **Technologies ::** XAMPP, PHP, Adv. PHP, MySQL, Wordpress

## ❖ **XAMPP Server Configuration**

- XAMPP Server Setup
- Configuring PHP & MySQL Admin

## ❖ **PHP**

- Basics
- Variables, Constants etc
- Control Structures
  - If Else
  - Do While
  - While loops
  - For Loops
  - For Each Loops etc.
- Functions
- Arrays
- Logic Building
- PHP Forms - Get & Post
- Global Variables
- Validation
- Required
- Date & Time

## ❖ **PHP Advanced**

- File Includes
- Headers & Footers Implementation
- **Creating Mini Project**
  - Integrate Website designed in Web Designing Course with PHP
  - Implementing Common Headers & Footers in Website Using PHP
  - Integrate CSS, Javascript, JQuery etc with PHP
  - Integrating Google APIs etc.
- PHP File Handling
- Image & File Upload
- Sessions

- Cookies
- Error & Exception Handling - Try - Catch Block
- Creating Functions & Routines

## ❖ PHP OOPs

- Classes
- Objects
- OOPs Concepts
- Methods etc.

## ❖ Session Handling

- Using Sessions
- Using Cookies

## ❖ PHP MySQL

- Using PHPMyAdmin
- MySQL Configuration
- CRUD Operations
  - Create
  - Drop
  - Select
  - Insert
  - Update
  - Delete etc
- Integrating MySQL & PHP
- Data Display on PHP Forms
- CRUD Operations using PHP Forms
- Building a Application using PHP MySQL

## ❖ AJAX & JSON

- Overview
- Ajax JSON Integration
- Select & DML Operations using AJAX JSON with MySQL
- Display data from JSON on Form



## ❖ **PHP Restful API (Latest)**

- Creation
- Integrating with Ajax

## ❖ **Wordpress**

- Installing Wordpress
- Configuring Wordpress
- Creating Categories
- Creating Forms/Blogs
- Deployment

## ❖ **End to End Live Project**

# React.js

- ❖ **React JS Overview**
- ❖ **Features**
- ❖ **JSX**
- ❖ **Virtual DOM**
- ❖ **Lifecycle Methods**
- ❖ **Class Component / Functional Components**
- ❖ **useState, useEffect**
- ❖ **Conditional Rendering**
- ❖ **List Mapping**
- ❖ **React Router**
- ❖ **Props**
- ❖ **Hooks**
  - useReducer (Advance)
  - useRef
  - useContext
  - useMemo (Advance)
  - useCallback (Advance)
- ❖ **Advance Topics**
  - HOC
  - Redux, Saga
  - Axios
  - Jest (Advance/Testing)
  - Material UI
  - Bootstrap
- ❖ **Mini Project with integration with PHP**

## Our Benefits

### ❖ **Training from Experts**

### ❖ **Certification Course**

- All Participants will get Course Completion ISO Training Certificate from our Institute

### ❖ **Installments Available**

### ❖ **Job Oriented Course**

- Learn from Scratch

### ❖ **Only 20% Theory and 80% Practicals**

### ❖ **Live Projects / Case Studies Covered**

### ❖ **Placements**

- Dedicated HR Team for Placements
- Overall 1000+ Companies for Placements + New Companies Added on Regular Basis!

### ❖ **Personal Attention & Doubt Solving**

- Limited Seats per batch.

### ❖ **Notes / Study Material Provided**

### ❖ **Interview Prepare Sessions & Mock Interviews**

### ❖ **Resume Building etc.**

Please visit site for more info

## Our 5 Steps Process for Success



## Contact Us

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**Website & More info :** [www.quickxpertinfotech.com](http://www.quickxpertinfotech.com)

**Inquire Now !**

