

Web Development Training (Advance)



Offered by

WittyPlex
LEARNING SERVICE

WEEK - 01

Subject	Topics
Latest Tools and Techniques for Web Dev.	Evolution of The Language of Web Technology, Current trend and opportunity of Web Development.
HTML5	Introduction, Support, New Elements, Semantics, Migration, Style Guide, Geolocation, Web Storage, Web Workers.

WEEK - 02

Subject	Topics
CSS3 (1)	Image Sprites, Attr Selectors, Counters, Specificity, Rounded Corners, Border Images, Backgrounds, Gradients, Shadows, Text Effects, 2D Transforms, 3D Transforms, Transitions, Animations
CSS3 (2)	Flexbox Intro, Flexbox Container, Flexbox Item, Grid Intro, Grid Container, Grid Item.

WEEK - 03

Subject	Topics
CSS Preprocessor - SASS (1)	Setup, Preprocessing, Variables, Nesting, Partial, Modules.
CSS Preprocessor - SASS (2)	Mixins, Extend/Inheritance, Operators, Functions, Loops, Compression.

WEEK - 04

Subject	Topics
Web Media	HTML Canvas, Raster vs. Vector Graphics, SVG, Video, Audio, Digital Imaging Concepts, Image File Formats, Plug-ins, YouTube
UI/UX	Fundamentals, Strategy, Design Principles, Color, Typography, User Interface Components, Real-World Process, Strategies, Wireframe, Reading List.

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WEEK - 05

Subject	Topics
JavaScript	Strings, Numbers, Arrays, Conditions, Loop, DOM (Events, Event Listener, Animations, Collections, Nodes).
AJAX & JSON	AJAX (XMLHttpRequest, Request, Response, XMLHttpRequest), JSON (Syntax, Parse, Stringify, Objects, Arrays, HTML).

WEEK - 06

Subject	Topics
JavaScript Library - jQuery	Animate, stop(), Callback, Chaining, Dimensions, Traversing, Ancestors, Descendants, Siblings, Filtering, AJAX
JavaScript Framework - Vue.js	Template Syntax and Expressions, Loops, User Inputs & Vue Devtools, User Events, Methods, Conditional Rendering, Attribute Bindings, Dynamic Classes.

WEEK - 07

Subject	Topics
Project Management and Version Controlling	Bottom-Up Approach to Web, Business Objective, Process, Security, Site Specifications, Collaborating and Version Controlling with Git.
Task/Package Manager and Automation	Package Management and Automation with Bower, Grunt, Gulp and WebPack.

WEEK - 08

Subject	Topics
PHP	Arrays, Superglobals, Date and Time, Include, File Handling, Cookies, Sessions, Filters, JSON,
MySQL	Database, Connect, Create DB, Create Table, Insert Data, Get ID, Insert Multiple, Prepared, Data manipulation (Select, Delete, Update and Limit Data).

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WEEK - 09

Subject	Topics
PHP - AJAX and MySQL	AJAX PHP, AJAX Database, PHP Form (Handling, Validation, Required, URL/E-mail), Contact form using PHP-AJAX
CMS – Shopify	Create an Account, Select & Customize Shopify Theme, Store Settings, Page Creation, Add Products To Store, Create New Collections, Add Discount Codes, Orders Page, Analytics & Set Up Google Analytics, Recommended Apps.

WEEK – 10

Subject	Topics
CMS – WordPress (1)	Customizing Website Appearance, WordPress SEO, Integrating E-Commerce, Optimization, Backup and Maintenance.
CMS – WordPress (2)	Intro to Custom Theme Development.

WEEK - 11

Subject	Topics
Server-side Website Programming	Build up a server-side app using two popular frameworks – Django (Python) and Express (node.js).
Optimization, Accessibility, Tools and Testing	Cross browser testing tools, Code Compression, Importance of Cache and Cookies, SEO and Analytics.

WEEK - 12

Subject	Topics
Publication of Website	Modern and Scalable Hosting Platform, Cloud Server, Specialized Hosting for WordPress site, Modern Approach for Hosting your Web App and Cost Analysis.
Freelancing	Tips and Tricks to become a TOP RATED Freelancer!