



Web Development (Advanced)

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Duration: 110 Hrs

Overview

This training course is designed specially for technical students who are in learning new technologies to co-op with the ongoing Digital India transform. Web - Development training course is designed to encourage students to use the Internet, but to also become a developer to the same virtual world.

Education Standards

1. Training will start from level ZERO, which means, even those who with coding (absolute beginners), can also go through the training program.
2. The training will be done on all the aspects required to become a developer
3. After completing the course, the trainee will be capable to apply for Developer, Back-end Developer, Full-Stack Web Developer.
4. Training will be conducted based on Live Projects.

Objectives

1. Educate Young India to co-op with the transforming Digital India..
2. Educate students to have skills to that are required for their future..
3. Encourage students to bring out their creativity and make them out of

Materials Needed

Well, we provide training classes, so there is no need to have any mate paper. Rather we recommend to carry your laptop to learn everything practical during classes. All the notes will be delivered on email

Syllabus

HTML:

- Introduction to HTML
- HTML Basics
- Concept to fDIV
- HTML formatting
- HTML tables
- HTML blocks
- HTML iframe
- HTML computer code
- HTML URL concept
- HTML Forms
- HTML Media
- HTML5 New Tags/Features

CSS:

- CSS Introduction
- CSS Workflow
- CSS Icons
- CSS pseudo-class
- CSS pseudo-elements
- CSS Navigation-Bar
- CSS Combinators
- CSS Tooltips
- CSS Image Gallery

- CSS Image Sprites
- CSS Attribute selectors
- CSS Forms
- CSS Counter
- CSS 3D/#D Transformation
- CSS3 Animations
- CSS3 UI
- CSS3 Box Decoration
- CSS3 Responsive UI Design
- CSS3 Frameworks(Bootstrap/JQuery UI/JQuery Mobile)

JAVASCRIPT:

- Introduction to JAVASCRIPT
- How to use JAVASCRIPT
- JAVASCRIPT Output
- JAVASCRIPT selectors
- JAVASCRIPT operators
- JAVASCRIPT Variables and DataType
- JAVASCRIPT Object/functions/scope
- JAVASCRIPT events
- JAVASCRIPT string operations
- JAVASCRIPT number operations
- JAVASCRIPT loops
- JAVASCRIPT most used methods

- JAVASCRIPT error handling
- JAVASCRIPT form handling
- Introduction to JQuery Framework
- How to use JQuery
- JQuery most used methods
- JQuery UI animation
- JQuery Form validation
- JQuery user alerts
- Introduction to JQuery AJAX
- How to use AJAX
- AJAX call validation
- Interaction with user with AJAX calls

PHP:

- Introduction to PHP
- How to use PHP
- Installation of local server
- PHP variables
- PHP operators/datatype
- PHP Output
- PHP loops
- PHP conditional statements
- PHP functions
- PHP array
- PHP forms
- PHP Error handling
- PHP Exception handling

- PHP File handling
- PHP File Open/Read
- PHP File Create/Write
- PHP cookies
- PHP session
- PHP MySQL interaction
- PHP JQuery Interaction
- PHP common used methods
- PHP secure login system
- PHP strict checks.

MYSQL:

- Introduction to MySQL
- MySQL installation
- Interaction with PHP
- Insert/Update/Delete
- Basic MySQL syntax
- Schema Design methodology

EXTRAS:

- Class materials for future reference
- Interview Questions
- Learning materials
- Online hosting accounts for real life experience of live servers and FTP techniques

LIVE PROJECT WORK

Students will be given live project work which will be different for each student, so that they could learn and implement their learning on live projects. 100% assistance on live project development will be provided. It will be ensured at end of course students are capable of building web-based applications.

It will be sure that the students learn industry standard coding so that it could be used for their future outside/inside industries. This course will help students to learn and build their web-development knowledge. Students will be able to crack interview of MNCs smoothly on technical/web-development grounds

