

php



laravel

technovalley
SOFTWARE CONSULTING



advanced
knowledge
services



TechnoValley is a global technology company leveraging the potential of Information Technology for creating best opportunities for businesses and individuals across the world. We are a Foreign Direct Investment Company, and incorporated with a vision to facilitate our varied high technology services to many locations across the Globe.

TechnoValley is a milestone in the ever-changing global IT scenario. From unrivaled services, ranging from Strategy Consulting to Technical Education and undeniably the best resources ranging from experienced manpower to well-equipped infrastructure, we strive to be the best in the IT consulting & service landscape in India. TechnoValley is a milestone in the ever-changing global IT scenario.

At TechnoValley, We believe in technology Innovation. We are dedicated to provide the latest state-of-the-art technology solutions to our Clients and Organizations Across varied business domains.

TechnoValley is spear-headed by the Board of Directors, who are highly experienced and successful in multiple domains. All of them have set inspirational benchmarks on their own turfs, and this drives our vision.



Strategic Partners



1:- HTML (2 hours)

- ◆ Introduction to HTML
- ◆ HTML Tags
- ◆ Creating Forms
- ◆ Creating tables
- ◆ Managing home page

2:- CSS (2 hours)

- ◆ Introduction to CSS
- ◆ Three ways to use CSS
- ◆ CSS Properties
- ◆ Designing website
- ◆ Working with Templates

3:- Java Script (3 hrs)

- ◆ Introduction to Javascript
- ◆ Three ways to use Javascript
- ◆ Working with events
- ◆ Client-side Validation

4:- Ajax (2 hrs)

- ◆ Introduction to AJAX
- ◆ PHP with AJAX
- ◆ Working with database



100
HOURS

5:- Jquery (2 hrs)

- ◆ Playing with elements
- ◆ Hiding and unhiding images
- ◆ Jquery UI

6:- Introduction To PHP (5 hrs)

- ◆ PHP Intro
- ◆ PHP Install
- ◆ PHP Syntax
- ◆ PHP Variables
- ◆ PHP Echo / Print
- ◆ PHP Data Types
- ◆ PHP Strings
- ◆ PHP Constants
- ◆ PHP Operators

7:- Handling HTML Form With PHP (4 hrs)

- ◆ PHP Form Handling
- ◆ PHP Form Validation
- ◆ PHP Form Required
- ◆ PHP Form URL/E-mail
- ◆ PHP Form Complete

8:- Decisions And Loop (4 hrs)

- ◆ Making Decisions
- ◆ Doing Repetitive task with looping
- ◆ Mixing Decisions and looping with Html
- ◆ PHP If Else Elseif
- ◆ PHP Switch
- ◆ PHP While Loops
- ◆ PHP For Loops

9:- Function (2 hrs)

- ◆ What is a function
- ◆ Define a function
- ◆ Call by value and Call by reference
- ◆ Recursive function

10:- String (2 hrs)

- ◆ Creating and accessing String
- ◆ Searching & Replacing String
- ◆ Formatting String
- ◆ String Related Library function

11:- Array (4 hrs)

- ◆ Anatomy of an Array
- ◆ Creating index based and Associative array
- ◆ Accessing array Element
- ◆ Looping with Index based array

- ◆ Looping with associative array using each() and foreach()
- ◆ Some useful Library function

12:- Working With File And Directories (4 hrs)

- ◆ Understanding file& directory
- ◆ Opening and closing a file
- ◆ Coping ,renaming and deleting a file
- ◆ Working with directories
- ◆ Building a text editor
- ◆ File Uploading & Downloading

13:- State Management (3 hrs)

- ◆ Using query string(URL rewriting)
- ◆ Using Hidden field
- ◆ Using cookies
- ◆ Using session

14:- String Matching With Regular Expression (2 hrs)

- ◆ What is regular expression
- ◆ Pattern matching in Php
- ◆ Replacing text
- ◆ Splitting a string with a Regular Expression

15:- Database Connectivity With MySql (4 hrs)

- ◆ Introduction to RDBMS
- ◆ Connection with MySql Database

- ◆ Performing basic database operation(DML) (Insert, Delete, Update, Select) Setting query parameter
- ◆ Join (Cross joins, Inner joins, Outer Joins, Self joins)

16:- Object Oriented Programming In PHP (5 hrs)

- ◆ Classes and Objects
- ◆ Defining and Using properties and methods
- ◆ Constructors and Destructors
- ◆ Method Overriding
- ◆ Encapsulation
- ◆ Inheritance
- ◆ Polymorphism
- ◆ Static Members
- ◆ Exception Handling

LARAVEL FRAMEWORK

1: Introduction of Laravel PHP Framework (2 hrs)

- ◆ Introduction of LARAVEL
- ◆ Installing Laravel
- ◆ Introduction of MVC Pattern
- ◆ Laravel Directory Structure

2: Setting up a sample project "Hello World" (1 hr)

- ◆ Artisan command to generate a controller
- ◆ Basic routing
- ◆ Call a controller method from a route
- ◆ Passing variables from controllers to views

3: HTML to Laravel Blade Syntax (4 hrs)

- ◆ Display Images
- ◆ Make Anchor
- ◆ Displaying Variables
- ◆ Conditional Statements
- ◆ Loop in blade
- ◆ PHP function
- ◆ Build Your Master layout
- ◆ Extending the master layout
- ◆ nested views
- ◆ Include Views
- ◆ Adding assets

4: Using Forms and Gathering Input (4 hrs)

- ◆ Adding HTML 5 Package
- ◆ Creating A form using Blade Syntax
- ◆ Validating user input
- ◆ File Uploading
- ◆ Error message Handling
- ◆ Encrypting and decrypting data
- ◆ Preserving the data

5: Using Controllers and Routes for URLs (3 hrs)

- ◆ Introduction
- ◆ Creating a basic controller
- ◆ Creating a route using a closure
- ◆ Making the controller As a routing
- ◆ Using route groups
- ◆ Using route resource

6: Database Connectivity (6 hrs)

- ◆ Introduction Model
- ◆ Type of Database using
- ◆ Eloquent ORM Model
- ◆ Naming Convention
- ◆ Table name
- ◆ Primary key
- ◆ Timestamps
- ◆ Use model
- ◆ Display data from models in views
- ◆ Manage Mass Assignment
- ◆ CRUDSOperations(Create,Read,Update,Delete,SearchOperations)
- ◆ Fluent
- ◆ Simple Query String

7 : Security & Session (1 hr)

- ◆ Removing Public from URL
- ◆ Sessions Effective

Laravel Project(30 hours)




technovalley

SOFTWARE CONSULTING

Technovalley Software India Pvt Ltd
Level 4, ATS Grand, Opp. Highway Garden,
NH Bypass, Edapally, Ernakulam, Kerala, India

 +91 484 414 0111 / 100

 +91 97459 27777

 www.technovalley-aks.com

 info@technovalley.co.in