

PHP RoadMap Learning Path:

Beginner (1 to 2 Yrs.)

{Programming basics, Control & looping statements, Functions, Arrays, Form Handling, File Handling, Date and Time, Include, File Handling}

1. PHP Intro
 - a. What is PHP?
 - b. What can php do?
 - c. Why PHP?
 - d. How it works?
 - e. Platform Support?
2. Programming Basics
 - a. Syntax
 - b. Comments
 - c. Variables {declaration, rules, assign, calling}
 - d. Echo / print
 - e. Datatypes (string, Numbers)
 - f. Math Functions
 - g. Constants
3. Control & Looping Statements
 - a. Control Statements {if else elseif, switch, ternary operator}
 - b. Looping Statement (for, while, do while)
4. Functions Basics
 - a. Functions declaration
 - b. Pass value
 - a. Return value, array
 - b. Call function
5. Array Basics
 - a. Declaration
 - b. Assign value
 - c. Call array value
 - d. Foreach array

6. Form Handling

- a. Form Handling
- b. Form Validation
- c. Form Required
- d. Form URL/E-mail

7. File Upload

8. Date and Time

9. Include / Require

10. File Handling

- a. File Open/Read
- b. File Create/Write
- c. File Delete

11. Session

12. Cookies

13. Super Globals

- a. \$_GET
- b. \$_POST
- c. \$_SERVER
- d. \$_REQUEST

14. Database

- a. MySQL Connect
- b. Create Table
- c. Insert Data
- d. Get Last Insert ID
- e. Insert Multiple
- f. Select Data
 - i. Order Data
 - ii. Limit Data
 - iii. Search data
- g. Delete Data
- h. Update Data

Exercises

1. Complete Form
2. File upload with validation
3. Login / Logout
4. Insert Record
5. Edit Record
6. Search Records
7. Delete Records
8. Pagination

Projects

1. Simple CMS
2. Simple eCommerce

Mid-Level (2 to 5Yrs.)

{OOPS, Filters, Filters Advanced, Git, Database Join, JSON, Ajax, Email, Exception Handling, Regex, Payment Gateway Integration, Social Signup, **Framework** - Beginner, Advanced}

1. OOPS

- a. What is OOP
- b. Classes/Objects
- c. Constructor, Destructor
- d. Access Modifiers
- e. Inheritance
- f. Constants
- g. Abstract Classes
- h. Interfaces
- i. Traits
- j. Static Methods
- k. Static Properties
- l. Namespaces
- m. Iterables

2. Database

- a. Joins
- b. Relationships (one to many, many to many)

- c. Index
- d. Trigger
- 3. Regex
- 4.

Projects

- 1. Payment Gateway Integration
- 2. eCommerce Website
- 3. YouTube App
- 4. Google Signup
- 5. CRUD Ajax
- 6. Advanced Mail Handling
- 7.

Advanced Mid-Level (5 to 7 Yrs.)

{Framework -Mid-Level}

Senior Level (> 7 Yrs.)

{Framework - Senior-Level}