

# PHP Development

## Foundation: PHP I

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- ❖ Introduction to Web – HTML, XHTML, CSS & JavaScript
- ❖ Introduction to PHP
- ❖ PHP Fundamentals –PHP syntax.
- ❖ PHP Variables, Operators, IF, switch, Array, Loops
- ❖ PHP Functions – predefined and user defined
- ❖ Handling HTML Form data
- ❖ File and Image Uploading
- ❖ Understanding PHP sessions
- ❖ Understanding cookies
- ❖ PHP E-mail – sending emails using your own script
- ❖ Understanding server side includes
- ❖ Classes and objects in PHP

## Database

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- ❖ An Introduction to SQL – Structured Query Language
- ❖ PHPMYADMIN
- ❖ Executing SQL through PHP application
- ❖ Fetching Desired Data into PHP application – SELECT statement
- ❖ Growing up with your database – INSERT statement
- ❖ Making your data up-to-date – UPDATE statement
- ❖ Keeping only desired records – DELETE statement
- ❖ Getting summarized data using AGGREGATE functions
- ❖ GROUP and ORDER your records
- ❖ Working with Complex Queries – JOINS, INNER Queries
- ❖ Defining and Calling Stored Procedures
- ❖ Pagination

## AJAX Introduction

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- ❖ Introduction to Ajax – Asynchronous JavaScript and XML
- ❖ Ajax Components
- ❖ JavaScript and DOM
- ❖ Methods and Properties of HttpRequest Object
- ❖ Creating and Using HttpRequest Object
- ❖ Generating and Handling the Response – The Role of the Server
- ❖ Problems Handling



## Advance PHP

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- ❖ Learning best practices and standards
- ❖ Securing your website
- ❖ Advanced security concepts
- ❖ Optimization techniques
- ❖ Advanced PHP configurations

## Open Source

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- ❖ Introduction to Open Source Applications like word press, joomla, Drupal
- ❖ Introduction to Frameworks
- ❖ Introduction to e commerce
- ❖ Introduction to technical documentation
- ❖ Working with FTP