

Advanced PHP with WordPress Course Structure

Duration – 40 Hours (2 Months)



Advanced PHP Modules -- 15 Hours

- **Object-Oriented PHP (OOP):** Classes, objects, inheritance, interfaces, and traits.
- **Error & Exception Handling:** Implementing robust error management and debugging techniques.
- **Advanced Features:** Namespaces, autoloading, advanced functions, and closures.
- **Database Interaction:** Advanced operations, working with MySQLi or PDO, and optimizing queries.
- **Web Services & APIs:** Consuming and creating APIs for data exchange.
- **Security Best Practices:** Vulnerabilities, secure coding, input validation, and secure configurations.
- **Architectural Concepts:** Introduction to MVC (Model-View-Controller) and HMVC principles.

WordPress Development Modules -- 15 Hours

- **Custom Theme Development:** Understanding the template hierarchy, using the Loop, creating page templates, and setting up child themes.
- **Plugin Development:** Creating custom plugins from scratch, utilizing activation/deactivation functions, and managing hooks and filters.
- **WordPress Database:** Direct interaction with the WordPress database using the WPDB class.
- **AJAX in WordPress:** Implementing front-end and back-end interactions using AJAX for dynamic content loading without page reloads.
- **Custom Post Types & Taxonomies:** Creating custom content structures tailored to specific project needs.
- **Security & Performance:** Enhancing site security, performance tuning, and implementing backup solutions.
- **Deployment & Management:** Best practices for deploying a WordPress site and managing ongoing maintenance.



Contact Us Today!



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