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Wordpress training: For developers

4 days (28 hours)

Presentation

Would you like to develop high-performance, dynamic websites while mastering one of the most popular platforms? Our WordPress for Developers course is for you. It offers an in-depth, technical approach to getting the most out of WordPress, beyond its basic functionalities.

[WordPress](#), originally conceived as a blogging tool, has today become a powerful content management system (CMS) powering nearly 40% of the world's websites.

This course is aimed at developers who want to go beyond simple GUI customization and explore the capabilities of custom development, taking full advantage of the possibilities offered by WordPress.

During this course, you'll learn how to create custom themes and plugins, optimize WordPress site performance, integrate APIs and develop advanced features using the PHP language.

This course will enable you to develop advanced technical skills in WordPress, while mastering the tools needed to manage complex, customized projects. You'll leave with the knowledge you need to integrate WordPress into professional development environments and optimize your sites for both users and search engines.

The course will use the latest stable version of the project: [WordPress 6](#).

Objectives

- How WordPress works
- Developing plug-ins
- Add administration options

- Using WordPress hooks and loops
- Create a WordPress template
- Create your own data types
- Connect a business API to WordPress to generate pages

Target audience

- PHP Web Developers

Prerequisites

- Knowledge of WordPress and PHP

OUR WORDPRESS TRAINING PROGRAM FOR DEVELOPERS

How WordPress works

- Install WordPress
- Install a theme
- Understanding the different parts of WordPress
- Practical work: Installing a WordPress theme for a fictitious town hall

Create a theme with just 3 files

- Extracting data from the WordPress back office
- The WordPress loop with the WP_Query object
- Dictionaries of data to be extracted
- Targeting the data to be extracted
- Setting up a bootstrap model
- Creating a one-page site
- Practical work: Displaying page and article data from a bootstrap template

Setting up template pages and articles

- Setting up a header and footer
- Creating a page for the Article section
- Page creation for the Page section
- Practical work: Creating separate pages to display the content of Pages and Articles

Setting up the functions.php file

- Understanding hooks in functions.php
- Setting up a menu
- Using the "highlighted" image
- TP: Add a menu and thumbnails for the news on the home page

Search engine and widget

- Setting up a search engine with your template page
- Activate a widget zone
- Practical work: Activate the search engine in the menu and add widgets to the footer

Creating a Custom Post

- Understanding the usefulness of Custom Posts
- Activate a Custom Post
- Setting up the taxonomy
- Add fields to a Custom Post with the ACF plugin
- Practical work: Adding "series" pages and setting up categories and tags

Creating a plugin and a connector for a business API

- Creating a plugin
- Connect a Business API to generate Custom Posts
- Preparing the php file "cron tab" for synchronization
- Practical work: Creating a plugin to a series API to add series

Deployment and production launch

- Install the plugin
- Creating a backup
- Migrate your WordPress site
- Practical work: Creating a backup and simulating deployment

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is confirmed, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the format selected. This

The questionnaire also enables us to anticipate any connection or internal security problems (intra-company or virtual classroom) that could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.