



Back-end development training 1.7 - Online

PrestaShop

TRAINING GOALS

- Be able to extend core PrestaShop functionalities.
- Learn how to develop modules for the shop's back office.
- Learn how to modify a theme.

COURSE CONDITIONS

The course is online
The course is led by Invertus expert, approved by PrestaShop.

LEARNING METHODS

The course is presented online through a PowerPoint presentation on GoToMeeting platform. Plenty of time has been allowed for questions and answers, so that all participants have a perfect understanding of the functions they will be using in their day-to-day work.

BENEFITS OF THE TRAININGS Trainee will get to know:

● PrestaShop installation and configuration.

The prerequisites and how to install and configure PrestaShop. Be able to set up a work environment. Learn about architecture and directories.

● Database

The naming conventions used in the database. Find out about ObjectModel, DBQuery and EntityManager classes.

● Webpack

Understand how WebPack works. Learn how to modify WebPack's configuration and add new modules.

● Module development

How hooks work and how to create and use one. Find out about how modules are organised and learn to create a new module. Be able to create a back office controller. Be able to use Ajax when developing a module. Find out about the module update mechanism. Be able to use Twig in a module

● Webservice

How to use, modify and extend Web Services.

REQUIREMENTS

Good knowledge of PHP, JavaScript, MySQL and object-oriented programming. Knowledge of Sass and Bootstrap 4.

DURATION

1 day, of 7 hours: 9am–6pm with a 1 hour lunch break.

● The PrestaShop framework

Manipulated classes. Understand how controllers, views (template) and cookies work. Find out about the overload mechanism and development standards.

● Smarty

How smarty works. Learn to manipulate templates and variables. Discover the functions added by PrestaShop.

● Symfony development

How to integrate a Symfony bundle into a Prestashop module. Be able to add a bundle and integrate it into the PrestaShop back office

● Javascript

Understand the changes brought about by ECMAScript 6 (ES6). Learn how to modify the JavaScript in a theme and a module. Learn how to add script to a theme. Be familiar with best practices when creating JS files

● VueJS

How VueJS works. Find out how to modify the stock management component