

Updated on 27/05/2024

Sign up

Shopify training for developers with Liquid

3 days (21 hours)

Presentation

[Shopify](#) training for developers will enable you to create, customize or technically modify the design of an e-commerce site. You'll learn all the steps needed to develop your online store quickly and efficiently.

During our training course, you'll be able to master web development on Shopify via Liquid, discover the CMS internal system and create your own customized theme. Perfect your technical skills and SEO-optimized online site design know-how.

By following our training program, you'll work in pre-production to guarantee the functional and technical quality of your website. You'll be able to set up a professional, high-performance, animated and personalized site with its own graphic charter.

This course will introduce you to the [latest](#) Shopify features.

Objectives

- Understanding the Shopify interface and ecosystem
- Mastering the Liquid language
- How to design a high-conversion page
- Be autonomous in modifying themes
- Getting started with theme creation

Target audience

Developers

Prerequisites

- HTML and CSS
- Knowledge of JavaScript

Software requirements

The prerequisites for installing the Shopify command line can be found [here](#).

Our Shopify training program for developers

Day 1

Introduction

- Training presentation
- Student and trainer presentation
- Sharing needs and objectives

Shopify back office overview

- Introduction to Shopify as a CMS
- Comprehensive overview of the administration interface
- TP: Find different store elements/options

Setting up the development environment.

- Introduction to development tools
- Shopify Partner Program overview
- Introducing my development setup
- Introducing Github integration
- Practical: Setting up your dev environment

Theme architecture overview

- Overview of the different .liquid files
- Configuration, localization and assets
- Complete theme architecture
- Practical work: Architecture implementation based on customer requirements

Liquid language (part 1)

- Introduction to templating languages
- Tags, conditions, loops, objects and filters
- Introduction to theme development
- Practical work: Continuous assessment of Liquid concepts

Review of the day (after QCM)

- A look back at the concepts covered
- Feedback on training tone
- Discussion on the content of the next session

Day 2

Introduction

- Refreshing notions
- Presentation of the day's program

Liquid language

- Section diagram
- Parameters and blocks
- Combining all notions
- Practical work: Continuous assessment of Liquid concepts

Templates and E-commerce

- Introduction to templates
- The different templates
- E-commerce best practices
- Is it necessary to start from an existing theme?
- TP: Examples of ECOM store optimization

Shopping cart and conversion

- The Shopify conversion funnel

- AJAX / API cart management
- Storefront / After checkout / Discounts
- Practical work: Javascript exercises on adding to cart

Good development practices

- Defining a good Shopify theme
- Theme structure and management
- UX / web performance / tracking / applications
- Practical work: Putting code optimization into practice

Review of the day (after QCM)

- A look back at the concepts covered
- Feedback on training content
- Discussion on the content of the next session

Day 3

Introduction

- Refreshing notions
- Presentation of the day's program

Create a Shopify theme

- Capturing the customer's needs
- Final site model
- Activity definition / Project management
- Code management / Internationalization / SEO
- The Shopify marketplace
- TP: Theme creation discussion

Conclusion of the training

- A look back at the chapters
- Round table discussion on training content

The Shopify ecosystem

- Partner program
- The different APIs
- Developing an application
- Using Shopify headless
- Shopify Hydrogen and Oxygen

Your moment

- No pressure
- Answering questions
- Deepening concepts
- Sharing experience

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 finalized, 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 for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which 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.

