

Updated on 11/08/2025

Sign up

Ghost training

2 days (14 hours)

Overview

Gatsby is a Jamstack framework that combines static generation, GraphQL and a rich ecosystem of plugins to produce fast, secure and easy-to-edit sites via a headless CMS. The "Gatsby Jamstack CMS" training course guides you from design to production: data model, pages/templates, MDX, optimized images, CMS integration, SSG/DSG/SSR modes, quality (Lighthouse, a11y), and CI/CD automation for deployment on CDN/edge. At the end of the course, you'll have a Gatsby site that's maintainable, high-performance and ready to scale, with a fluid editorial flow (preview, publication, monitoring). Like all our training courses, this one is based on the latest stable version [v5.14.0 of Gatsby](#).

Objectives

- Architect a Jamstack site with Gatsby + CMS
- Master the GraphQL data layer, MDX and images
- Optimize Core Web Vitals, SEO and accessibility
- Industrialize testing, Lighthouse and CI/CD audits
- Deploy on CDN/edge with editorial preview

Target audience

- Front-end developers
- Web integrators
- Content engineers
- Tech leads
- Marketing teams

Prerequisites

- Good grounding in HTML/CSS/JS and React
- Knowledge of Git

Our Ghost training program

Laying the foundations of Ghost

- Understanding Ghost: headless CMS, blog & newsletter
- Architecture: Node.js, Handlebars themes, APIs
- Ghost(Pro) vs. self-hosting, extensions
- Ghost-CLI installation and local environment
- Administration tour: posts, pages, tags, roles
- Workshop: local installation + first post

Editorial & content template

- Markdown editor and maps
- Taxonomy: tags, authors, collections
- SEO: metas, Open Graph, sitemap
- Templates & custom fields
- Internationalization (i18n)
- Workshop: editorial site architecture

Themes & front-end

- Theme structure, partials, helpers `{{}}`
- Advanced routing via `routes.yaml`
- Optimized images (AVIF/WebP)
- CSS/SCSS styles, a11y accessibility
- Maintenance & updates
- Workshop: theme customization

Members, newsletters & monetization

- Activating members and third parties
- Templates & sending newsletters
- Subscription portal & e-mails
- Stripe payments & compliance
- RGPD: consent & unsubscribing
- Workshop: free plan + newsletter

Integrations & automation

- Content API / Admin API: keys & calls
- Webhooks & automation
- Search, comments, analytics
- Import/export & migrations
- Security: backups, roles, keys
- Workshop: connecting a front-end to the Content API

Deployment, performance & operation

- CDN/edge hosting, Nginx/SSL
- Cache, HTTP headers, compression
- CI/CD for themes (GitHub Actions)
- Observability: logs & Lighthouse
- Upgrade playbook
- Workshop: deploy a theme and go live

Companies concerned

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

Positioning at training start

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 with regard to 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 training: 60% hands-on, 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 is used to verify the correct acquisition

skills.

Certification

A certificate will be awarded to each trainee who has completed the entire course.