

Cahier des Charges

1. Project Overview

1.1 Purpose

The goal of this project is to create a visually appealing, responsive portfolio website to showcase my personal achievements, skills, and projects. This platform will highlight my technical and creative work while providing visitors with an engaging way to connect through features like dynamic project displays and a contact form.

1.2 Objectives

- Build a modern, responsive portfolio website.
- Dynamically showcase projects using JSON data with detailed descriptions, tech stacks, and group information.
- Emphasize my coding experience.
- Provide a contact form with GDPR-compliant data collection.
- Integrate stylish design elements, such as gradient buttons and animations.

2. Functional Requirements

2.1 General Features

- **Navigation:** Sticky navigation bar with smooth scrolling and active link highlights.
- **Projects Section:** Dynamic project display with clickable images opening detailed popups.
- **Social Links:** External links to LinkedIn, Instagram, and other profiles.
- **Contact Form:** Secure message submission through a form, with email, name, and message fields.
- **Animations:** Pulse effects and engaging visuals like floating elements.

2.2 Specific Functionalities

- **Project Popups:**
Clicking on a project image opens a popup showing:
 - Project name
 - Description
 - Tech stack (e.g., HTML, CSS, JavaScript)
 - Group details
 - A larger project image.
- **Sticky Header and nav:** Fixed navigation bar remains at the top during scrolling.
- **Responsive Design:** Ensure compatibility across devices, including mobile and tablet.
- **Dynamic Content:** Projects loaded dynamically via portfolio.json.

2.3 Data Handling

- **Contact Form:**

- User data submitted through contact.php or Formspree.
- Fields: name, email, message.
- Includes consent check for GDPR compliance.

3. Non-Functional Requirements

3.2 Performance

- Optimize site for fast load times.
- Efficient handling of project data using JSON.

3.4 SEO

- Respect SEO use (head / images / robots.txt)

4. Technical Requirements

4.1 Frontend Technologies

- HTML5, CSS, JavaScript.
- Use css for styling.
- Dynamic project loading via portfolio.json.

4.2 Backend Technologies

- formspree for the contact form.

5. Constraints and Limitations

- The website must prioritize mobile usability.
- Ensure compatibility with modern browsers.

6. Deliverables

- Fully functional and deployed website.
- Source code, including documentation.

7. Mockup

Welcome to my portfolio !

"When scrolled"

HEADER

nav

about me

lorem ipsum lorem ipsumlorem
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