

# **Software Requirement Specification**

**for**

## **Developer's Portfolio**

**Created by  
vishal kumar**

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# **1. Introduction**

## **1.1 Purpose**

The purpose of a developer portfolio is to showcase a developer's skills, expertise, and experience to potential clients or employers. A developer portfolio is a collection of projects, code samples, and other relevant materials that demonstrate a developer's abilities and achievements.

## **1.2 Scope**

The scope of a developer portfolio refers to the extent of the content and features included in the portfolio. The scope of a developer portfolio can vary depending on the goals, objectives, and target audience of the portfolio. By defining the scope of their developer portfolio, developers can ensure that the content and features of the portfolio are aligned with their goals, objectives, and target audience. This can help to create a more effective and engaging portfolio that showcases their skills and expertise in a compelling way.

## **1.3 Intended Audience**

The audience for this document includes the development team, project stakeholders, and any other parties involved in the development process.

# **2. Functional Requirements**

## **2.1 User Management**

User management for a developer portfolio refers to the process of managing the accounts and access permissions of users who interact with the portfolio. User management is an important aspect of portfolio development because it can help to ensure the security and privacy of the portfolio's content and features.

## **2.2 Project Management**

Project management for a developer portfolio refers to the process of planning, organizing, and executing the development of the portfolio's content and features. Project management is an important aspect of portfolio development because it can help to ensure that the portfolio is developed on time, within budget, and to the required quality standards.

## **2.3 Skills Management**

The website should allow users to add and manage their skills. Users should be able to add skills to their profiles, edit skill details, and provide a description of each skill.

## **2.4 Contact Form**

The website should provide a contact form that allows users to send a message to the developer.

### **3. Non-Functional Requirements**

#### **3.1 Performance**

The website should load quickly and be responsive to user interactions.

#### **3.2 Security**

The website should be secure and protect user data from unauthorized access.

#### **3.3 Usability**

The website should be easy to use and navigate for users of all levels of technical expertise.

#### **3.4 Accessibility**

The website should be accessible to users with disabilities, including those who use assistive technology.

### **4. Technical Requirements**

#### **4.1 Programming Languages**

The website should be developed using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheet).

#### **4.2 Hosting**

The website should be hosted on a secure and reliable web hosting platform.

#### **4.3 Responsive Design**

The portfolio should be designed to be responsive, i.e., it should adjust its layout and content to fit different screen sizes and device types.

### **5. Assumptions and Dependencies**

#### **5.1 Assumptions**

It is assumed that the development team has the necessary technical expertise to develop the website.

#### **5.2 Dependencies**

The development team is dependent on the availability of the necessary software tools and resources to complete the project.