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# **Software Requirements Specification**

## **For Developers Portfolio**

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# Table of Contents

<b>Table of Contents .....</b>	<b>2</b>
<b>1. Introduction .....</b>	<b>3</b>
1.1 Purpose .....	3
1.2 Goals .....	3
1.3 Audience .....	3
<b>2. Functional Requirements .....</b>	<b>3</b>
2.1 Homepage .....	3
2.2 Projects Page.....	3
2.3 Skills Page .....	4
<b>3. Interface Requirements .....</b>	<b>4</b>
3.1 Hardware Interfaces .....	4
3.2 Software Interfaces.....	4
<b>4. Advantages.....</b>	<b>4</b>
4.1 From Interviewers point of view.....	4
4.2 From Developers point of view.....	5
<b>5. Deployment.....</b>	<b>5</b>
5.1 Operating System Server .....	5

# 1. Introduction

## 1.1 Purpose

The purpose of this document is to outline the requirements for a developer portfolio website. The website will showcase the developer's projects and skills, and allow potential clients and employers to contact the developer.

## 1.2 Goals

The goals of the developer portfolio website are:

- Showcase the developer's projects and skills
- Provide information about the developer's experience and education
- Allow potential clients and employers to contact the developer

## 1.3 Audience

The primary audience for the developer portfolio website is potential clients and employers who are looking to hire a developer.

# 2. Functional Requirements

The following functional requirements describe the features and functionality that the developer portfolio website must provide:

## 2.1 Homepage

- The homepage should include a summary of the developer's experience and skills
- The homepage should feature links to the developer's projects

## 2.2 Projects Page

- The projects page should include a list of the developer's projects, with brief descriptions and screenshots
- Each project should have a dedicated page with more detailed information, including a link to the project's code repository and a list of technologies used

## 2.3 Skills Page

- Organize our skills: Start by organizing your skills into different categories or sections, such as technical skills, soft skills, or industry-specific skills.
- Prioritize your most relevant skills: Highlight your most relevant skills for the type of work we are seeking. For example, if we are applying for a web development job, emphasize your programming languages, frameworks, and tools.
- Use bullet points: Use bullet points to list our skills to make it easy for the reader to scan and understand.
- Provide examples: Provide examples of how we have used our skills in real-world projects or situations to show our expertise and credibility.

## 3. Interface Requirements

As a Developer, Here are some Hardware and Software requirements that we should consider when designing our developer portfolio:

### 3.1 Hardware Interfaces

Since this project is based on web, so the hardware requirements are not needed to be up to the marks. A simple internet work or computer device can run the websites. Although there are some hardware lists:

- HDD (Minimum 256 MB)
- RAM (Minimum 1 GB)
- Internet Device

### 3.2 Software Interfaces

This is based on the web and software requirements are as follow:

- Languages: - HTML
- Technology: - CSS, Java Script

## 4. Advantages

There are many advantage from Interviewers and Developers point of view:

### 4.1 From Interviewers point of view

- It provides a more comprehensive and tangible representation of a candidate's skills and abilities beyond a traditional resume or cover letter.
- A portfolio allows an interviewer to see actual examples of a candidate's work, assess their technical abilities, and understand their thought process and problem-solving skills.

- A portfolio can also demonstrate a candidate's creativity, attention to detail, and ability to work collaboratively on projects.

## **4.2 From Developers point of view**

- It allows them to showcase their work and achievements to potential employers or clients.
- A portfolio can help developers stand out from the competition and demonstrate their expertise in a particular programming language, framework, or technology.
- It can also serve as a personal branding tool and help developers establish themselves as thought leaders in their field.
- Additionally, a portfolio can be a helpful tool for developers to showcase their progress and development over time, and to track their learning and growth.

## **5. Deployment**

- Hosting: In the hosting we can specify the hosting provider and the server configuration required to host the portfolio website or application.
- Domain name: we can indicate the domain name(s) to be used for accessing the website or application.
- Security: Discuss any security measures that need to be implemented for deploying the website or application. This could include SSL certificates, firewalls, access controls, and other security-related measures.

### **5.1 Operating System Server**

- Windows, Linux, UNIX