Puzzles

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1. Abstract

1.1. Project Purpose

Lots of companies hiring software engineers ask for portfolio page however not everyone has the knowledge or time to make them. Therefore, we wish to provide a website in which users can enter the data and have their portfolio website being built automatically.

1.2. Background/Motivation

We are interested in this website as we feel that this project might help many software developers. We have built full-stack websites before but not any for this reason.

2. Technical Specifications

2.1. **Platform:** Website

2.2. **Programming Languages:** HTML, SASS, Foundation, MongoDB, AngularJS, NodeJS

2.3. **Stylistic Conventions:** lowerCamelCase naming convention.

2.4. **SDK:** None

2.5. **IDE:** Sublime Text

2.6. **Tools/Interfaces:** Google Chrome

2.7. **Target Audience:** People who wish to create a portfolio website

3. Functional Specifications

3.1. Features

- Users can enter their course and project data
- Users data will be saved online in the database
- Users can can view their own portfolio page and anyone can view it.
- Users can edit the information they wish to display

3.2. Scope of project

- Information will be limited to that provided by the users and will not include any external information.
- Login is required just to edit the information but anyone can view the information you upload.

4. Timeline:

4.1. Week 1 – Setting up the front end for the portfolio page.

- Setting up the backend for the project. - Siddhanth
- Creating a sample JSON that will be used to enter information to the portfolio. - Siddhanth
- Parsing through the JSON to send in the requires information for different fields. – Priya
- Designing a simple front-end using Foundation for Home page. – Siddhanth
- Designing a simple front-end using Foundation for Portfolio page. – Priya
- Testing the front-end and back-end – Priya

4.2. Week 2

- Creating a front-end for the form the user will use to enter the data for his/her portfolio. – Priya
- Retrieving the information from the form and saving it as a JSON. – Siddhanth
- Sending the parsed information back in the required format to display on the portfolio – Siddhanth
- Pushing data to server - Siddhanth
- Modifying and refining the portfolio page design. – Priya
- Manual testing for the front-end. - Priya

4.3. Week 3

- Setting up user profiles. – Siddhanth
- Enabling input validation in the form. – Siddhanth
- Sending/retrieving information from the backend. – Siddhanth
- Encrypting passwords. - Siddhanth
- Designing the front-end for login/signup pages. - Priya
- Making the front-end dynamic. – Priya
- Fixing the flow of the website - Priya
- Manual testing for the front-end. - Priya

4.4. Week 4

- Cleaning up the database – Siddhanth
- Adding the ability to edit the information in the backend. – Siddhanth
- Adding the ability to delete user profile – Siddhanth
- Adding the front-end to allow the users to edit existing information - Priya
- Creating another template for portfolio page and fixing the flow – Priya
- Manual testing for the front-end. - Priya

5. Future Enhancements

- Ability to automatically take data from LinkedIn or parse resume.