DevComm

International Developers Community

Recruitment Task - Round 1

Web Development

TASK:

Develop a stylish and functional single-page advertisement website to showcase your personal skills, such as art, poetry, or literature. The website must include a link to your Instagram account. You should use HTML, CSS, and JavaScript for the project.

Features:

- A single-page layout to introduce yourself and the skill you're showcasing.
- A section dedicated to displaying your work (e.g., a gallery for art, a list of poems, or a portfolio of your writing).
- A "Contact Me" section with your Instagram and other relevant social media links.
- The website must have a responsive design to work on various screen sizes.

BONUS (OPTIONAL)

This section is for those looking to challenge themselves and demonstrate a deeper understanding of modern web development concepts. While not required, these additions will be a significant plus point in the assessment.

- **Advanced Styling:** Use a CSS framework like **Tailwind CSS**. Tailwind is a utility-first framework that helps you build custom designs by applying pre-existing classes directly in your HTML.
- **Modern Tech Stack:** You can use a more advanced **tech stack** for the frontend. A tech stack is a set of technologies used to build an application, including programming languages, frameworks, and tools. You can choose from popular options like:
    - **React:** A JavaScript library for building user interfaces based on a component-based approach.
    - **Angular:** A platform and framework for building single-page client applications using HTML and TypeScript.
    - **Vue.js:** A progressive JavaScript framework for building user interfaces.
- **Backend & Database Integration:** Go a step further by integrating a backend (e.g., using Node.js, Flask) and a database (e.g., MongoDB, PostgreSQL, MySQL). This would allow you to add dynamic features, such as a contact form that sends you an email or a system for users to leave comments on your work.

- **Deployment and repositories:** You can deploy your website vercel , render etc, and make a github repository , with a proper readme

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Points you will be assessed on:

1. **Original and Clean Design:** The website should have an original design and a clean user interface. Please refrain from using pre-made templates.
2. **Clean and Well-Maintained Code:** Your code should be well-organized and easy to read.
3. **Plagiarism-Free:** The website and its code must be plagiarism-free.

Resources:

Welcome to the world of web development! As a fresher embarking on your journey, it's essential to have access to the right resources to enhance your learning experience. This document provides a comprehensive list of web development resources that will assist you in acquiring the necessary skills and knowledge.

Online Learning Platforms:

- **FreeCodeCamp:** Offers a comprehensive curriculum covering HTML, CSS, and JavaScript, with interactive coding challenges and projects.
- **Codecademy:** Provides interactive courses with a hands-on approach and practical coding exercises.
- **YouTube:** A wide range of web development courses are available on channels such as Hitesh Chaudhary, Technical Thapa, Code With Harry, and Web Dev Simplified.

Documentation and References:

- **Mozilla Developer Network (MDN):** An excellent resource for web developers, offering extensive documentation on HTML, CSS, and JavaScript. It provides detailed explanations, code samples, and browser compatibility information.
- **W3Schools:** Offers tutorials, references, and examples on various web development technologies. It's a handy resource for quick code references and learning new concepts.

Online Communities and Forums:

- **Stack Overflow:** A popular question-and-answer platform for programmers. It's an excellent place to find solutions to coding problems, ask questions, and learn from experienced developers.
- **GitHub:** A code hosting platform and a thriving community of developers where you can explore open-source projects and find valuable resources.

Web Development Tools:

- **Visual Studio Code (VS Code):** A popular and versatile code editor with excellent support for web development. It offers numerous extensions, debugging capabilities, and powerful features that enhance productivity.

Other Resources:

- The Odin Project: https://www.theodinproject.com/
- HTMLDog: https://htmldog.com/
- Don't Fear the Internet: http://www.dontfeartheinternet.com/
- Frontend Cheat Sheets: https://github.com/logeshpaul/Frontend-Cheat-Sheets
- MongoDB Docs: https://www.mongodb.com/docs/

POCs:-

Anant Mathur - 7011948665
Keerti - 9045081918
Ayush Chugh - 9625650526