

Building and Documenting a Zurich-Inspired Website with API Integration



Hands-On Solution Architect - Interview

Exercise Brief:

Objective: Create a website inspired by the Zurich look and feel, integrate a free API into this website, and prepare a detailed documentation for both business stakeholders and IT audience.

Instructions:

1. **Website Design and Development:**

- Research the Zurich brand and design a website that reflects its aesthetic and values.
- Use a free web development platform or HTML/CSS/JavaScript to build the website.
- Ensure the website is responsive, user-friendly, and adheres to Zurich's design guidelines.

2. **API Integration:**

- Identify a free API that could add value to the website. This could be a weather API, a news API, a vehicle look-up or any other relevant API.
- Integrate the chosen API into the website using appropriate coding techniques.

3. **Working Solution:**

- Ensure the website functions as expected with the integrated API.
- Test all elements of the website and the API to ensure they work seamlessly together.

4. **PowerPoint Presentation:**

- Develop a presentation that explains the solution to business stakeholders.
- The presentation should cover the purpose of the website, the features it offers, and the benefits of the integrated API.
- The presentation should also include a demonstration of the working solution.

5. **Technical Documentation:**

- Prepare a Word document detailing the solution for an IT audience.
- The document should include technical specifications of the website, the rationale for chosen API, how the API was integrated, and any challenges faced during the process.

6. **Review and Feedback:**

- Present the working solution, the PowerPoint presentation, and the Word document during the interview.

Deliverables:

1. A Zurich-inspired website with an integrated API.
2. A PowerPoint presentation explaining the solution to business stakeholders.
3. A Word document detailing the technical aspects of the solution.

Estimated Time: 3-4 Hours, Solution presentation 30 Minutes during the Interview

This exercise is designed to test your understanding of website development, API integration, and your ability to communicate effectively to different audiences. It's important to keep the Zurich brand in mind during the design process, and to choose an API that adds value to the website. Good luck!