



Challenge

Develop Interactive and Responsive Web Page using ChatGPT

Points to Remember

- Use `ChatGPT` – the Generative AI Model for developing the `TalentGallery` web page.
- Ensure the CSS and JS codes are not embedded within the `index.html` file and instead are written externally.



Challenge

- Design interactive as well as responsive web page for TalentGallery that interacts with 3rd party RESTful API using ChatGPT.

Instructions

- [Click here](#) for the boilerplate.
- Read the `Problem.md` file in the boilerplate for further instructions about the practice.
- Fork the boilerplate into your own workspace.
- Clone the boilerplate into your local system.
- Open command terminal and set the path to the folder containing the cloned boilerplate code.
- Open the folder containing the boilerplate code in VS Code.
- Give prompts to ChatGPT to generate code and develop the solution.
- List down all the prompts in the `prompts.md` file.
- Save the project documentation in the file named ``README.md``.

Notes:

1. Maintain one conversation thread for entire development process.
2. This practice would be manually evaluated and hence the boilerplate does not contain the test code.

TalentGallery

- A talented team brings together individuals with diverse skills, fostering innovative solutions through varied perspectives.
- Talented team members excel in their roles, leading to efficient project completion and goal achievement.
- Strong communication and cooperation among talented team members enhance problem-solving and project outcomes.
- Talented individuals think creatively, contributing fresh ideas that drive continuous improvement and innovation.
- The presence of talented colleagues fosters a motivating and positive atmosphere, boosting overall employee morale.



Source: Microsoft Bing – Image Creator

Context

Having a page that lists profiles of talented team members is important for a few key reasons. It shows how skilled our team is, which builds trust with clients and partners. It also makes our team members feel appreciated and motivated. This page helps everyone know who's good at what, making it easier for us to work together and provide better results. Plus, it lets us keep up with changes and stay modern. Overall, the page helps us look good, work well, and stay updated.

The HR department at TechFusion Solutions has made the decision to create a webpage showcasing employee profiles, complete with their pictures. They have reached out to the IT division to develop a preliminary version of this webpage. As a software developer on the IT team, you have been tasked with the responsibility of generating a sample output using mock data. Due to the urgency of the situation, the webpage needs to be up and running soon, requiring the sample page to be created within a couple of hours.

TalentGallery

Develop a web page titled TalentGallery that is both interactive and responsive and can be seamlessly integrated into the TechFusion Solutions corporate website. Employ the <https://randomuser.me/api/> URL to fetch data for 50 user profiles. Show details for 10 users on each page and incorporate a pagination feature for navigating through all employee profiles. Integrate a header and footer that adapt well to different devices and achieve this responsiveness using the Bootstrap framework. Ensure the solution contains a documentation that provides information about the solution code.


CHALLENGE




Sample Output – View-1

127.0.0.1:5500/solutions/talent-gallery-web-page/index.html


Employee Profiles




Madame Hanna Petit
Email: hanna.petit@example.com
Location: Mirchel, Switzerland
Date of Birth: 22/8/1981
Phone: 079 793 45 37



Miss Addison Jones
Email: addison.jones@example.com
Location: St. Antoine, Canada
Date of Birth: 11/8/1964
Phone: X30 A39-6000

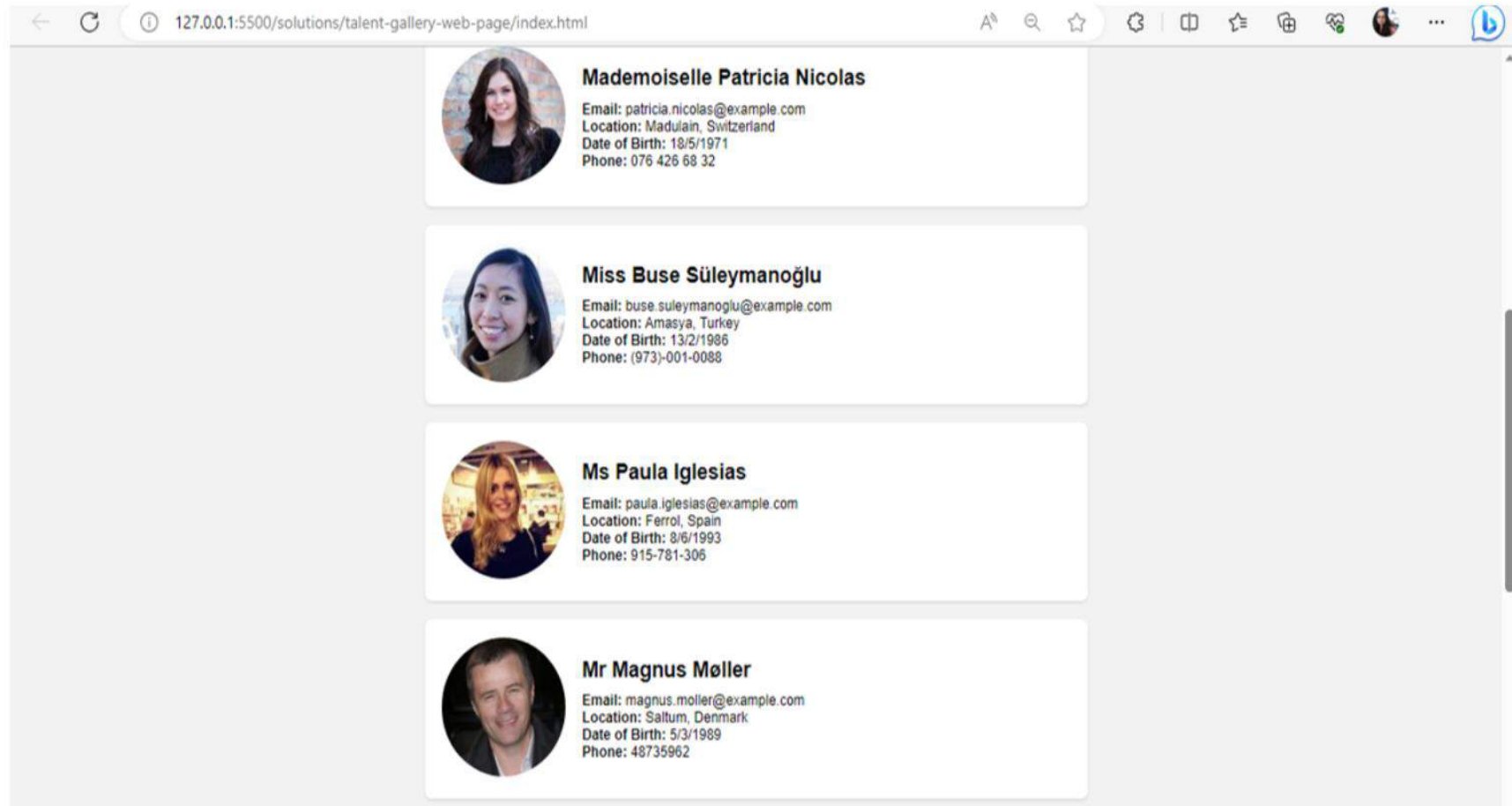


Mrs Inka Zinke
Email: inka.zinke@example.com
Location: Weikersheim, Germany
Date of Birth: 27/5/1953
Phone: 0988-8214123



Mademoiselle Patricia Nicolas
Email: patricia.nicolas@example.com

Sample Output – View-2



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5500/solutions/talent-gallery-web-page/index.html". The page content consists of four vertically stacked profile cards, each featuring a circular profile picture, a name, and contact information.

Name	Email	Location	Date of Birth	Phone
Mademoiselle Patricia Nicolas	patricia.nicolas@example.com	Madulain, Switzerland	18/5/1971	076 426 68 32
Miss Buse Süleymanoğlu	buse.suleymanoglu@example.com	Amasya, Turkey	13/2/1986	(973)-001-0088
Ms Paula Iglesias	paula.iglesias@example.com	Ferrol, Spain	8/6/1993	915-781-306
Mr Magnus Møller	magnus.moller@example.com	Saltum, Denmark	5/3/1989	48735962

Sample Output – View-3

