Full Stack Developer Interview Assessment Guide

Objective

You are required to build a single page from a provided Figma design using the specified full stack tech stack. This includes implementing the frontend using **Next.js** and **Tailwind CSS**, and integrating backend logic **only as needed** to parse and visualize data from a provided CSV file.

You will be evaluated on how well you:

- Match the Figma design accurately
- Parse and display the dataset clearly and correctly
- Use clean, functional code that demonstrates good frontend and backend integration within a single page.

Front-end Tech Stack

- Framework: Next.js (App Router)
- Language: JavaScript
- Styling: Tailwind CSS
- State Management: Redux
- Data: CSV file (Provided)

Back-end

- Primary: Express JS
- Secondary: Python, Flask, Fast API
- Database: MongoDB
- Storage: Azure Blob Store
- Authentication: SUPABASE

Project Scope

You must implement:

- The main content section of one assigned page from the Figma design.
- A data visualization component based on the CSV dataset provided.
- Create missing data and share those file as well along with your submissions.
- Integrate the front end and back end.

You are not responsible for:

- The dashboard layout (left side navigation).
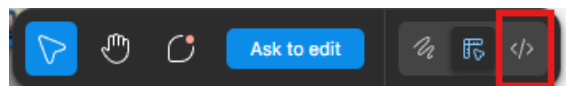- The header/navigation bar (top-level site-wide components).

**You should only implement the main page content, as seen in the design.

Figma Design

You will find the Figma link containing the design in your email inbox.

How to Use Figma:

Open the link and locate the page assigned to you.

Switch to Dev Mode to:
- Inspect font sizes
- Copy CSS values
- View spacing, padding, and color codes

Note: Pixel-perfect implementation is expected. Your page must match the Figma design as closely as possible.

Data Visualization

You will be given a .csv dataset.
Display\visualize the data as per the Figma design.

**Your visualization should match both the data and design shown in Figma.

Submission Instructions

Please follow the steps below to complete your submission:

1. **Code Repository**

   Push your project to a **public GitHub repository**. Make sure the application can be run locally using the following commands: "npm install", "npm run dev"

2. **Required Files and Documentation**
   Your submission must include the following:
   - **1. README.md:** A well-structured README file containing:

     - Clear instructions on how to install and run the project locally
     - A summary of your development approach and key implementation decisions.
     - Any assumptions made during development.
     - A list of known issues or limitations (if any).
   - **2.Implementation Report:** A short report summarizing your work, features implemented, and any technical considerations or trade-offs made.
   - **3. QA Test Report: A** simple QA report that outlines

     - The steps you took to test the application
     - Any bugs or issues identified and how they were addressed
     - Tools used for testing (if any)

**For any questions, please reach out to: contact@fyndme.net