Full Stack Web Development Intern – Take-Home Assessment

Project: Resume Builder Web Application

Objective

The objective of this assessment is to evaluate your ability to design and build a functional, user-friendly, and visually appealing web application. The focus is on front-end development, user experience, and overall product quality rather than backend complexity.

You are encouraged to use any AI tools to assist you in completing this task efficiently.

Project Description

You are required to build a **Resume Builder** web application.

The application should allow a user to:

- Select from 2 pre-defined resume templates. The templates to choose from can be viewed in this folder
- Enter their personal and professional information
- Generate a complete resume using the selected template and provided information

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Core Functional Requirements

Your resume builder should meet the following requirements:

Template Selection

- Users must be able to choose from at least two resume template
- The UI should clearly show which template is selected

Dynamic Form Handling
The application should accept all relevant resume fields, such as:

- Personal details (name, email, phone, location, etc.)
- Work experience
- Education
- Skills

- ○ Any other sections present in the chosen template
- ○ Fields should dynamically populate the resume preview/output

User Experience

- ○ Clear and intuitive flow from data entry to resume generation
- ○ Reasonable validation and error handling (e.g., empty required fields)

Live Resume Preview

- Display a real-time preview of the resume as the user fills in their details
- Updates should reflect immediately without requiring a page refresh
- Smooth transitions or subtle animations are a plus

Multiple Template Support

- Support switching between multiple resume templates without losing entered data
- Data should reflow correctly into different layouts

Section Management

- Allow users to:
    - ○ Add or remove sections (e.g., multiple work experiences or education entries)
    - ○ Reorder sections (drag-and-drop is a plus)
- The resume output should update accordingly

Export or Download Options

- Provide the ability to:
    - ○ Export the resume as a PDF, or
    - ○ Print the resume in a clean, print-friendly format
- Exported resumes should maintain formatting and layout integrity

Bonus Features (Nice-to-haves)

Customization Features

- Allow basic styling customization, such as:

- Font selection
- Accent color selection
  Section spacing or layout density
  - Customizations should not break the template layout

Data Persistence

- Preserve user data using:
  - Browser local storage, or
  - A lightweight backend (optional)

- Users should be able to refresh the page without losing their progress

Accessibility & Responsiveness

- Ensure reasonable accessibility considerations (e.g., readable contrast, form labels)
- The application should be fully usable on mobile and tablet devices

Product Thinking & Polish

- Thoughtful empty states (e.g., before data is entered)
- Clear microcopy and user guidance
- Loading states or visual feedback where appropriate

Technical Constraints

- Next.js/React
- You may use AI tools to accelerate development
- Backend implementation is optional
- **Source code submission is not required**

Submission Instructions

- Deploy your application and submit **only a live URL** using this **submission form**
- The link must be publicly accessible (no login required)
- The app must be functional at the time of review

Evaluation Criteria

Your submission will be evaluated based on:

1. **Functionality**
   - Does the resume builder work as expected?
   - Are user inputs correctly reflected in the resume?

2. **Usability**
   - Is the interface intuitive and easy to navigate?
   - Is the user flow logical?

3. **Aesthetics & Design Quality**
   - Visual polish and attention to detail
   - Responsiveness and layout consistency

4. **Overall Product Quality**
   - Completeness
   - Professionalism
   - Thoughtfulness in execution

Time Expectation

This assessment is designed to be completed within a reasonable timeframe. You are not expected to build a production-ready system, but the solution should demonstrate strong fundamentals and good judgment.