

(No-Code) Mini Capstone - AI-Assisted Resume Builder App

Objective:

Build an AI-assisted app where users generate tailored resumes based on personal information, preferences, and job descriptions. The app uses AI to craft resumes and offers a dynamic user interface in Bubble.

Features:

1. User Input:

- Users log in and input personal information.
- Users set preferences for resume style (which informs the prompt and AI parameters like temperature).

2. Resume Generation:

- Users input job descriptions.
- The AI generates a customized resume by combining user data, preferences, and job descriptions.

3. Resume Sharing:

- The generated resume will be displayed on a page in Bubble.
- Users can share this specific resume tailored for the job description.

4. User Roles:

- **Admin:** Access to a page where they can modify the base prompt used for generating resumes.
- **Regular User:** Can only provide personal info, preferences, and generate resumes.

5. Tech Overview:

- **Dynamic UI:** UI adapts based on user inputs and roles.
- **Database Setup:** Storing user information, preferences, and generated resumes.
- **Multi-tenancy and Privacy Rules:** Ensure data privacy and security for different users.
- **API Connection:** Groq API for AI resume generation.
- **User Management and Authentication:** Manage different roles and secure login via Bubble.

Submission:

- Build the AI-assisted resume builder app.
- Provide a walkthrough demo of the app showing resume generation and admin features.