**1. Overview**

**What is Nadya’s CV Chatbot?**

* **Nadya’s CV Chatbot** is an AI-powered conversational interface designed to provide recruiters with an intuitive way to explore Nadya’s qualifications and achievements. It bridges the gap between static CVs and dynamic interaction by enabling real-time Q&A.

**Purpose:**

* Enhance recruiter engagement by making Nadya’s CV more interactive.
* Provide an efficient, personalized, and comprehensive way for recruiters to ask specific questions and gain deeper insights into her skills, experience, and potential fit for roles.

**Target Audience:**

* Recruiters, hiring managers, and potential employers.

**2. Objectives**

**Primary Goals:**

1. Make Nadya’s CV accessible in a conversational, user-friendly format.
2. Allow recruiters to ask detailed, follow-up questions about her experiences, skills, and career trajectory.
3. Improve the recruiter’s understanding of Nadya’s unique value proposition by simulating an interview-like experience.

**Success Metrics:**

* Recruiter engagement time per session.
* Number of queries asked per session.
* Positive recruiter feedback about ease of use and utility.
* Reduction in the need for redundant clarification during formal interviews.

**3. Features**

**Core Features:**

1. **Conversational Interface**:
   * Recruiters can type any question related to Nadya’s CV (e.g., “What are Nadya’s key skills?”).
   * Real-time, AI-generated responses tailored to Nadya’s CV details.
2. **Follow-Up Question Support**:
   * Maintain conversational context to allow recruiters to dive deeper into specific topics.
   * Example:
     + Recruiter: “What projects has Nadya worked on?”
     + Chatbot: “Nadya led an AI-driven analytics project for [Company Name], achieving a 30% efficiency improvement.”
     + Recruiter: “What was her role in the project?”
3. **Session History**:
   * Persistent chat history within the session for easy reference to past queries.
4. **Optional Recruiter Information**:
   * Option to collect recruiter name, company, and role for personalization.
5. **Reset Conversation**:
   * A button to clear the chat and restart.

**Advanced/Optional Features:**

1. **Natural Language Understanding (NLU)**:
   * Leverage OpenAI GPT capabilities to understand context and provide nuanced responses.
2. **Predefined Context**:
   * Incorporate Nadya’s CV data into the backend for accurate responses.
   * Example: Skills, achievements, years of experience, education.
3. **Data Export**:
   * Option to download the chat session as a summary for recruiter reference.

**4. HMW (How Might We)**

**Key Challenges to Address:**

1. **HMW make the chatbot intuitive and user-friendly?**
   * Solution: Minimalistic UI design with a single input box, clear responses, and a conversational format.
2. **HMW ensure recruiters feel comfortable using it?**
   * Solution: Provide an optional introductory message, make personal information optional, and focus only on relevant CV data.
3. **HMW enhance recruiter engagement?**
   * Solution: Use contextual, dynamic responses that mirror a personalized Q&A session.
4. **HMW address potential recruiter frustrations (e.g., wrong answers)?**
   * Solution: Allow for contextual correction and implement a "Did this answer your question?" feedback button.

**5. User Flow**

**Recruiter Journey:**

1. **Starting the Chat**:
   * **Action**: Recruiter visits the chatbot and sees a welcome message like:
     + "Hi, I’m Nadya’s CV Chatbot! Ask me anything about Nadya’s experience, skills, and achievements."
   * **Options**: Recruiter can:
     + Start typing a question.
     + Optionally provide their name and company.
2. **Submitting a Query**:
   * **Action**: Recruiter types a query in the text box and clicks "Send."
   * **Result**: Chatbot generates a response in real time.
3. **Follow-Up Questions**:
   * **Action**: Recruiter asks additional questions in the same session.
   * **Result**: The chatbot provides answers, maintaining context.
4. **Ending or Resetting**:
   * **Action**: Recruiter ends the session or clicks "Reset Chat" to clear the history and start fresh.

**6. User Story**

**As a Recruiter:**

* **I want** to ask specific questions about Nadya’s skills, experience, and career highlights.
* **So that** I can quickly determine if she’s a good fit for my role without reviewing a lengthy CV.

**Acceptance Criteria:**

* The chatbot should answer both general and specific questions about Nadya’s qualifications.
* The chatbot should provide responses within 2-3 seconds to ensure a seamless conversation.
* Context should persist for follow-up queries (e.g., discussing a specific project or skill).

**Example User Interaction:**

1. **Recruiter**: “What makes Nadya unique?”
   * **Chatbot**: “Nadya’s combination of technical expertise in AI-driven solutions and her leadership in cross-functional teams sets her apart.”
2. **Recruiter**: “Can you elaborate on her AI expertise?”
   * **Chatbot**: “She has 5 years of experience developing predictive models for [specific application].”
3. **Recruiter**: “What certifications does she have?”
   * **Chatbot**: “Nadya holds certifications in [relevant certifications, e.g., Machine Learning, PMP].”

**7. UI/UX Design**

**User Interface (UI)**

1. **Input Box**:
   * **Placement**: Centered at the bottom.
   * **Style**: Rounded corners with a placeholder: "Ask me anything about Nadya's CV."
   * **Button**: Blue "Send" button next to the input box.
2. **Chat Window**:
   * **Style**: Scrollable, chat-bubble format (user questions on the right, chatbot responses on the left).
   * **Color Scheme**:
     + Recruiter queries: Light gray bubble.
     + Chatbot responses: White bubble with bolded keywords (e.g., skills or job titles).
3. **Welcome Banner**:
   * Appears at the top of the chat:
     + “Hi! I’m Nadya’s CV Chatbot. Let’s chat about her qualifications!”
4. **Reset Button**:
   * **Placement**: Top right corner.
   * **Style**: Small, non-intrusive button labeled "Reset Chat."

**User Experience (UX)**

1. **Simplicity**:
   * Minimal onboarding steps to start the conversation.
   * Clearly visible input field and buttons.
2. **Responsiveness**:
   * Quick responses (<3 seconds) to mimic a natural conversational flow.
3. **Error Handling**:
   * If the chatbot cannot generate an accurate response:
     + “I’m sorry, could you clarify your question?”
     + Or, “I don’t have that information. Would you like me to provide a general summary?”
4. **Accessibility**:
   * Ensure the interface is mobile-friendly and accessible for all users (WCAG-compliant).