**App Name:** AspireAI

**📝 Product Requirements Document (PRD)**

**🌟 Problem Statement**

Individuals often struggle to navigate their career paths due to a lack of personalized guidance, limited access to real-time job market insights, and an unclear understanding of their skill gaps. AspireAI aims to resolve this by offering an AI-driven solution that empowers users with tailored career recommendations, skill development pathways, and job market trends, all backed by intelligent insights.

**🚀 Solution Overview: AspireAI**

AspireAI is an intelligent virtual career advisor that leverages artificial intelligence and real-time labor market data to support individuals in their career journeys. It provides tools to assess skills, analyze market demands, build optimized resumes and cover letters, simulate interviews, and generate actionable career paths.

**🔑 Key Website Features & Functionalities**

**1. User Skills Assessment Module**

* Interactive forms for inputting skills and experience
* **Onboarding flow to personalize the user journey**
* **Skill detection and visual summary dashboard**

**2. "CareerGPT" – AI-Powered Career Chatbot**

* Real-time career advice via a conversational interface
* Simulated HR/technical mock interviews with feedback
* Mentorship and improvement suggestions

**3. AI-Powered Video Interview Analysis**

* Record or upload mock interviews
* Analyze tone, confidence, content quality, and body language
* Real-time performance evaluation and tips

**4. AI-Driven Resume Builder & Analyzer**

* **Tailored resume generation based on user input and target roles**
* Real-time resume scoring against job descriptions
* Feedback and optimization using NLP/ML

**5. Interactive "JobFit" Score**

* Match user skills to job roles using real-time data
* Generate a compatibility score with recommendations
* Actionable tips to enhance job fit

**6. Job Market Analysis Module**

* Real-time integration with job trend APIs or datasets
* **Visual dashboards showing trending skills and roles**
* Geographic and industry-based segmentation
* **Weekly Industry Insights.**

**7. Dynamic Networking Map**

* Visualize professional networks and relevant connections
* Recommend mentors, peers, or recruiters using LinkedIn/GitHub APIs
* Support simulated networking for demo purposes

**8. Cover Letter Builder**

* Automatically generate personalized cover letters
* **Customize based on job description and resume content**
* Editable template with improvement suggestions

**🧰 Tools & Technologies (Free/Open-Source)**

* **Frontend:** Next.js + Tailwind CSS
* **Backend:** Ingest
* **Database:** NeonDB
* **AI/NLP:** Google Gemini, Whisper
* **Voice Assistance:** Whisper
* **Deployment:** Vercel
* **Visualization:** Chart.js, D3.js
* **Authentication:** Clerk