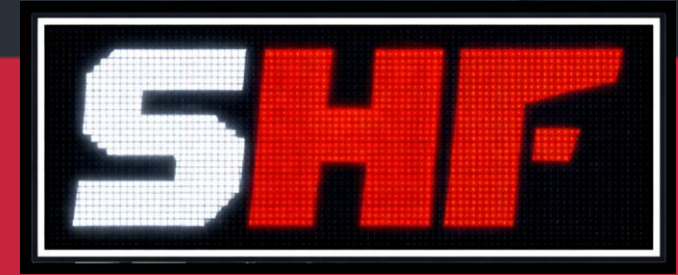


Project Title : /< Prism Hire >/

Tiny_Titans





Student Innovation

Problem Statement :

Job seekers today are overwhelmed by **model anxiety** and disconnected tools. Many rely on a single AI for guidance, unaware that every model has its own biases and limitations. At the same time, resume reviews, interview practice, and career advice happen on separate platforms that don't share insights. This disconnect creates a feedback gap—what a candidate learns in one step never improves the next—leaving them unprepared for real, AI-driven hiring processes.



Solution

It addresses this with a Truth-by-Consensus framework powered by a high-performance AI Aggregator.

- **AI HUB** : A user's prompt is sent in parallel to Gemini, GPT, and Claude. The Summarization Module then compares the outputs to extract consensus points, surface model-specific insights, and flag contradictions, reducing bias and hallucinations while delivering more reliable guidance.

This consensus-driven intelligence powers a seamless, end-to-end preparation pipeline .

- **Smart Resume Analyzer:** Converts a PDF resume into a dynamic skill profile and simulates enterprise-level ATS screening, visualizing skill gaps through a clear heat map.
- **Adaptive Test Module:** Automatically generates role-specific challenges based on identified gaps, adjusting difficulty in real time to match user performance.
- **Multi-Modal Interview Module:** Runs realistic mock interviews using a low-latency voice loop, delivering detailed feedback on technical accuracy, communication clarity, and tone.

The result is a unified system where insights flow continuously, turning fragmented preparation into integrated performance.



Dependencies and Showstopper

1 Core Infrastructure (MERN)

2 AI & Integration Tools

1 **Consensus Intelligence:**
Your AI Hub isn't just a list; it's a "Truth-Engine" that identifies where top AIs agree, proving you've built a tool that manages other AIs.

2 **Real-time Multimodality:**
While many projects do simple text-based chat, a low-latency voice interview using Gemini Flash demonstrates advanced technical complexity.

3 **Personalized Career Path:**
Using data from the resume to generate a custom interview ensures your app feels like a "Complete Product" rather than a set of independent features.

Highlights/Difference between existing solution



Most career tools are "wrappers" for a single AI; your solution is an AI-Orchestrator.

From "Single-Model Bias" to "Consensus Intelligence": Standard tools rely on one LLM (like GPT-4), which can hallucinate. Your AI Hub compares Gemini, GPT, and Claude simultaneously, providing a "Master Summary" of verified facts.

Unified Pipeline vs. Fragmented Tools: Instead of using three different websites for your resume, a quiz, and a mock interview, LoomNexus creates a Data-Driven Loop. The "Resume Analyser" automatically informs the questions generated in the "Interview Module".

Adaptive Learning: Unlike static question banks, your Test Module uses Gemini to adjust difficulty in real-time based on your previous answers—making it a truly personalized mentor.

Frontend

React

Backend

Node.js
&
Express

APIs &

Integrations

Gemini API

**AI and Machine
Learning**

Gemini API

DevOps and Depolymment

Vercel
Render
MongoBD

TECH STACK

Team Name:

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