

Gen AI Exchange Hackathon

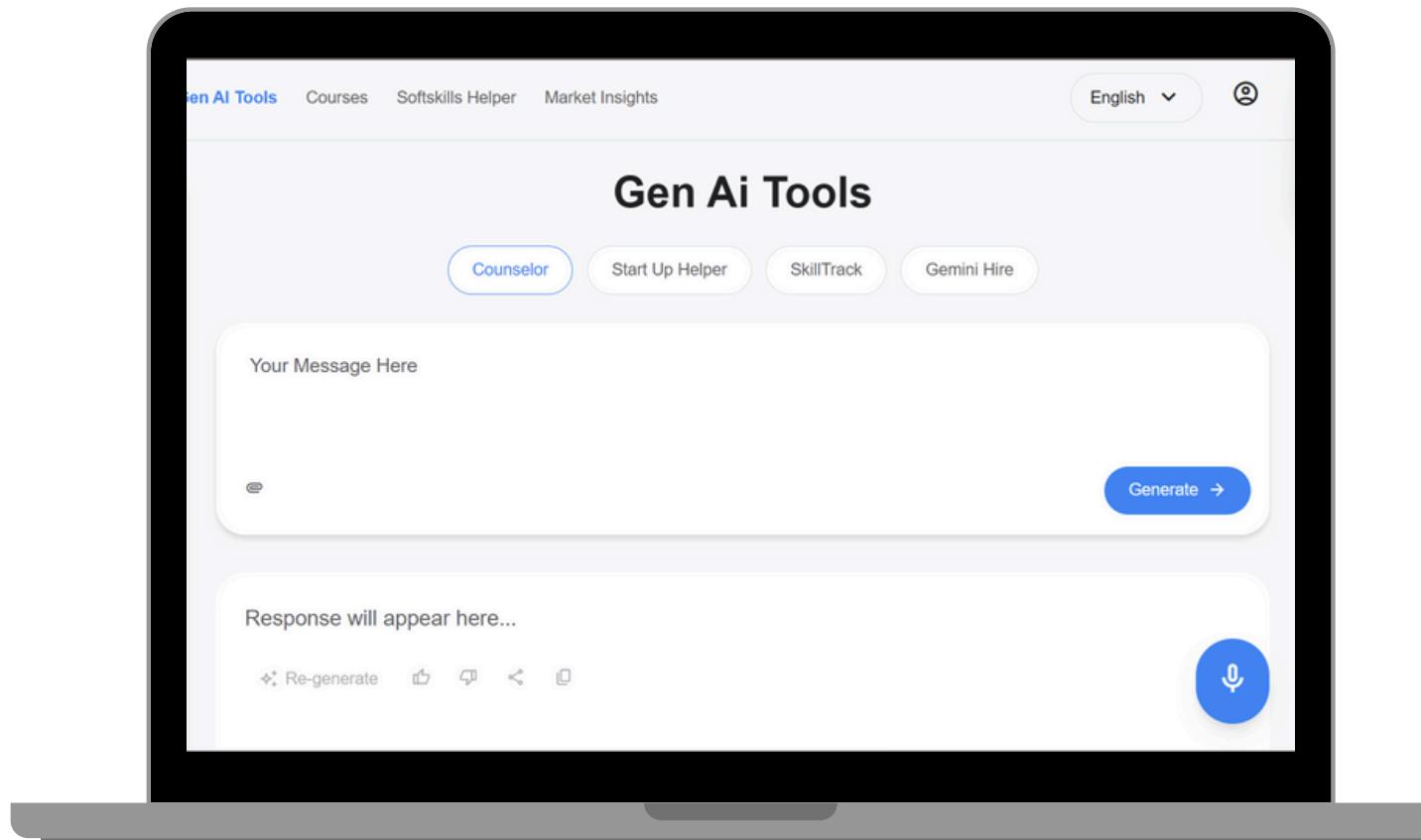
Team Name :Shori

Team Leader Name :Pratik Meshram

Problem Statement :Personalized Career and Skill Advisor

Brief about the prototype:

“Bridging career aspirations and startup ambitions with Generative AI.”



- **Generative AI Startup Helper** – guides entrepreneurs from idea validation to launch.
- **End-to-End Support** – planning, skill gap analysis, pitch decks, funding, branding & marketing.
- **AI Hiring Toolkit** – resume, CV, and LinkedIn post generation to boost employability.
- **Unique Value** – combines career growth + startup guidance in one accessible platform.

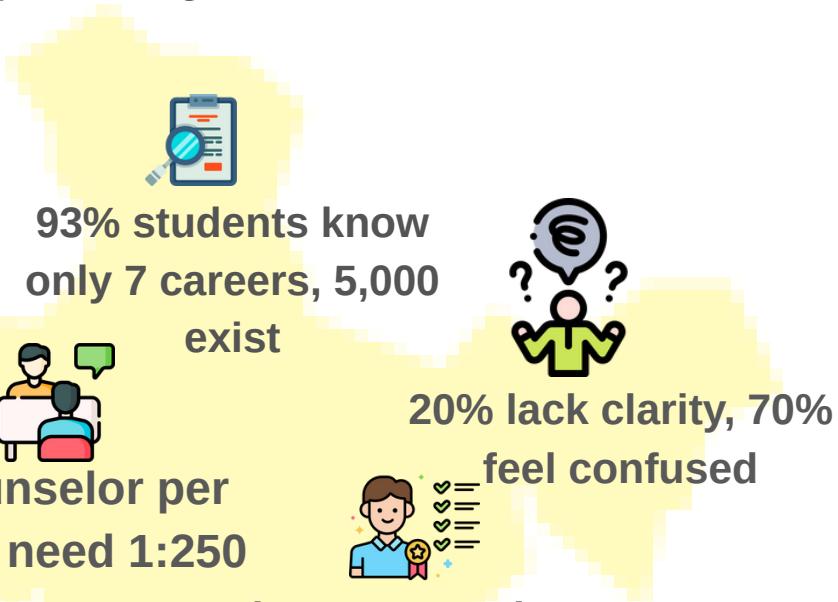
Problem Introduction

"Rahul chose engineering for its scope but had no real interest. He felt lost and unprepared for the job market."

Harsh Realities:

1. Largest youth, yet millions remain unemployed.
2. Millions of youth unsure about career choices.
3. Industries struggle to find skilled talent.

Deeper Insights



68% access counseling,
40% still underserved

Students Needs

- Self-Awareness** – knowing interests, strengths, and personality
- Career Awareness** – understanding available options and industries
- Clear Roadmap** – step-by-step path to careers
- Decision-Making** – choosing paths confidently and wisely
- Accessibility & Inclusivity** – Platforms accessible to rural, multilingual.
- Soft Skills Evaluation** – Consideration of interpersonal, creative, and non-academic abilities.

Drawbacks and Limitations of Existing

Dependency on data quality; AI lacks empathy; algorithmic bias; privacy risks; accessibility & language barriers; limited real-time market updates

Our Solution

"Rahul now explores careers that combine his degree and true interests, bridges skill gaps with our AI tools, and confidently steps into a future full of opportunities."

1. Unemployment Solution:

1. Skill Gap Analyzer identifies missing skills for chosen careers.
2. Real-Time Job & Market Insights suggest future-proof careers aligned with market demand.

2. Unsurity Solution:

1. Personalized Roadmaps – step-by-step guidance based on interests & personality.
2. Soft Skills Assessment – builds self-awareness for confident career choices.

3. Limited Counseling Access:

- Voice Agent – interactive, human-like career conversations.
- Multilingual Platform – supports diverse languages & rural accessibility.

Unique Selling Point:

1. GenAI Startup Support – validate ideas, build roadmaps, create pitch decks, get funding guidance.
2. AI Hiring Toolkit – generate resumes, CVs, LinkedIn posts, and optimize profiles.

Features



GenAI Career Copilot (With RAG)



Skill Gap Bridger



Up-to-Date Career Insights



Mobile + Regional Access

Features

Multi-agent AI counselor that adapts to the student's personality, learning style, and interests.

- Automatic skill gap analysis comparing student's **current profile vs target careers**.
- **Suggests** courses, projects, certifications, internships to **fill gaps**.

- Real-time job trends & emerging skills
- Supports both career & entrepreneurship pathways

- Reachable from any region in India on multiple devices.
- 24/7 access to career guidance and resources, no matter the location.



Startup Helper



Soft Skills & Psychological Support



"GeminiHire"



Interactive AI Agent

Features

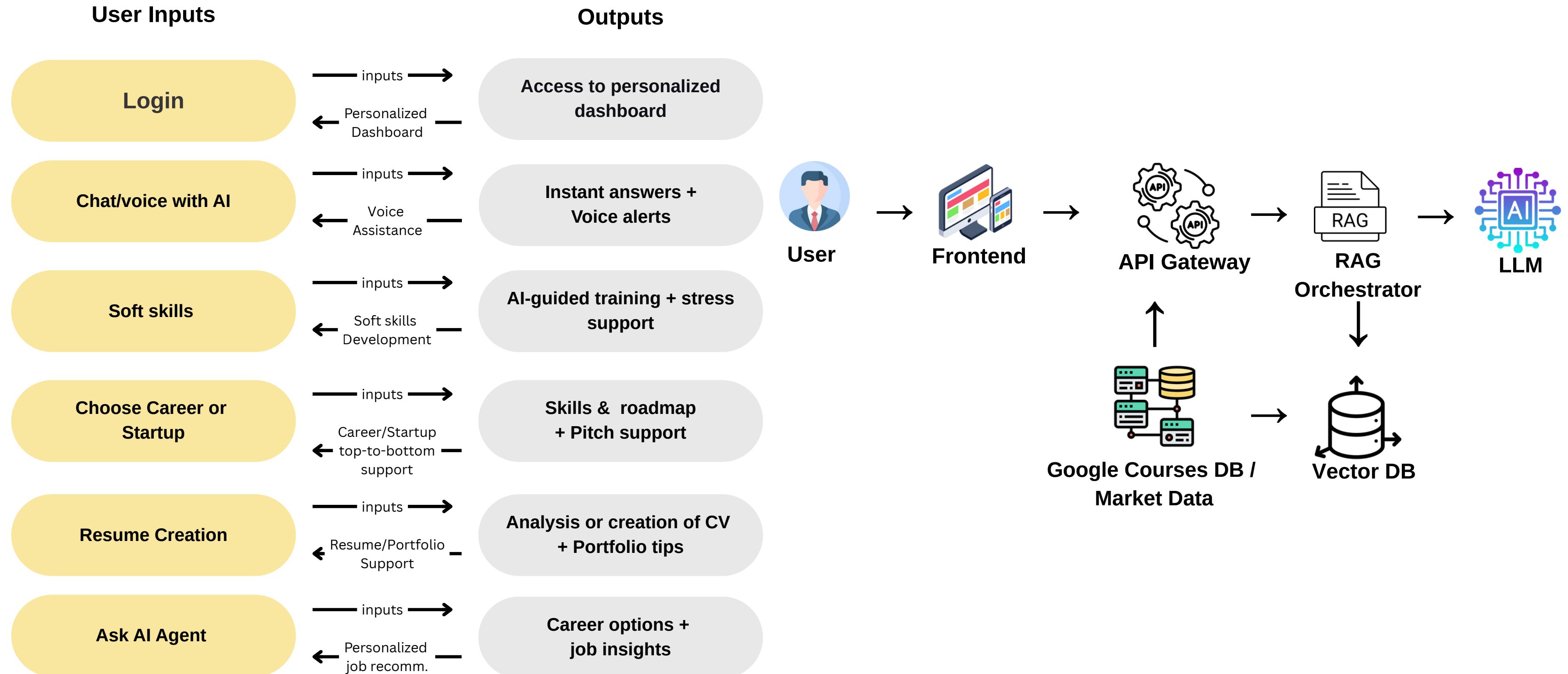
- Validates startup ideas and provides **roadmaps with skill guidance**.
- Assists in pitch prep, mentorship, and market-based recommendations.

- AI-based modules for communication, leadership, and interview readiness.
- **Confidential check-ins** and counselor guidance for stress and career clarity.

- AI Career **Assistant for Resumes**, Cover Letters & Job Suggestions
- Helps creating portfolios and LinkedIn profiles to standout of the crowd.

- **Interruptible AI voice agent** for natural, human-like interaction.
- Communicates effortlessly in **multiple languages** for easy accessibility.

Process flow diagram or Use-case diagram



Wireframes / Mockups

Dreamer Features Pricing About Sign In Get Started

Your AI-Powered Career and Startup Assistant

Navigate your career path and build your startup from the ground up with personalized, intelligent guidance.

Start Your Journey

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Career Recommendations

- Social Media Manager: Leverage your communication skills and interest in content creation. 92% Match [View Details](#)
- Public Relations Specialist: Your background in communications is a strong asset for this role. 88% Match [View Details](#)

Learning Roadmap

- Digital Marketing Fundamentals: Complete the course on Coursera to build foundational knowledge. 75% Complete
- SEO Specialization: Gain expertise in search engine optimization to boost online visibility. 30% Complete

Soft Skills Status

| Skill | Level |
|-----------------|--------------|
| Communication | Advanced |
| Problem Solving | Intermediate |
| Teamwork | Intermediate |

Market Trends

Demanded for AI & ML skills increased 34% YoY.

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Gen AI Tools

Counselor Start Up Helper SkillTrack Gemini Hire

Your Message Here

Response will appear here...

Re-generate

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Market Insights

Real-time data to inform your career and startup decisions.

Job Trends

Data Science Job Postings Growth (Line Chart)

Top 5 Emerging Skills

| Skill | Growth (%) |
|------------------|------------|
| Machine Learning | +25% |
| Cloud Computing | +22% |
| Data Analysis | +18% |
| Cybersecurity | +15% |
| Blockchain | +12% |

Industry Growth

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Soft Skills Helper

Assess and improve your soft skills with AI-driven feedback and interactive exercises.

AI Recommendations

Career Path: Based on your interest in 'Content Creation', consider a 'Digital Marketing Specialist' role. It has a 15% projected growth.

Key Skills Focus

- Communication
- Teamwork
- Adaptability
- Leadership

Startup Idea

Your skills in 'Sales' and 'Social Media' align with a startup creating AI-powered sales bots for small businesses.

Interactive Training & Exercises

- Roleplay Simulations
- Problem-Solving Scenarios
- Gamified Activities

Personalized Development Roadmap

Receive a tailored plan to enhance your soft skills, with actionable steps and progress tracking.

Voice & Communication Coaching

Get detailed speech analysis and real-time feedback to refine your communication style.

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Your Personalized Learning Path

AI-curated courses, certifications, and projects to achieve your career goals.

Career Goals

Software Engineer + Add goal

Skills

Python Data Analysis Machine Learning + Add skills

Recommended Courses

- Python for Everybody: Coursera
- Machine Learning A-Z: Udemy
- Full-Stack Web Development: edX

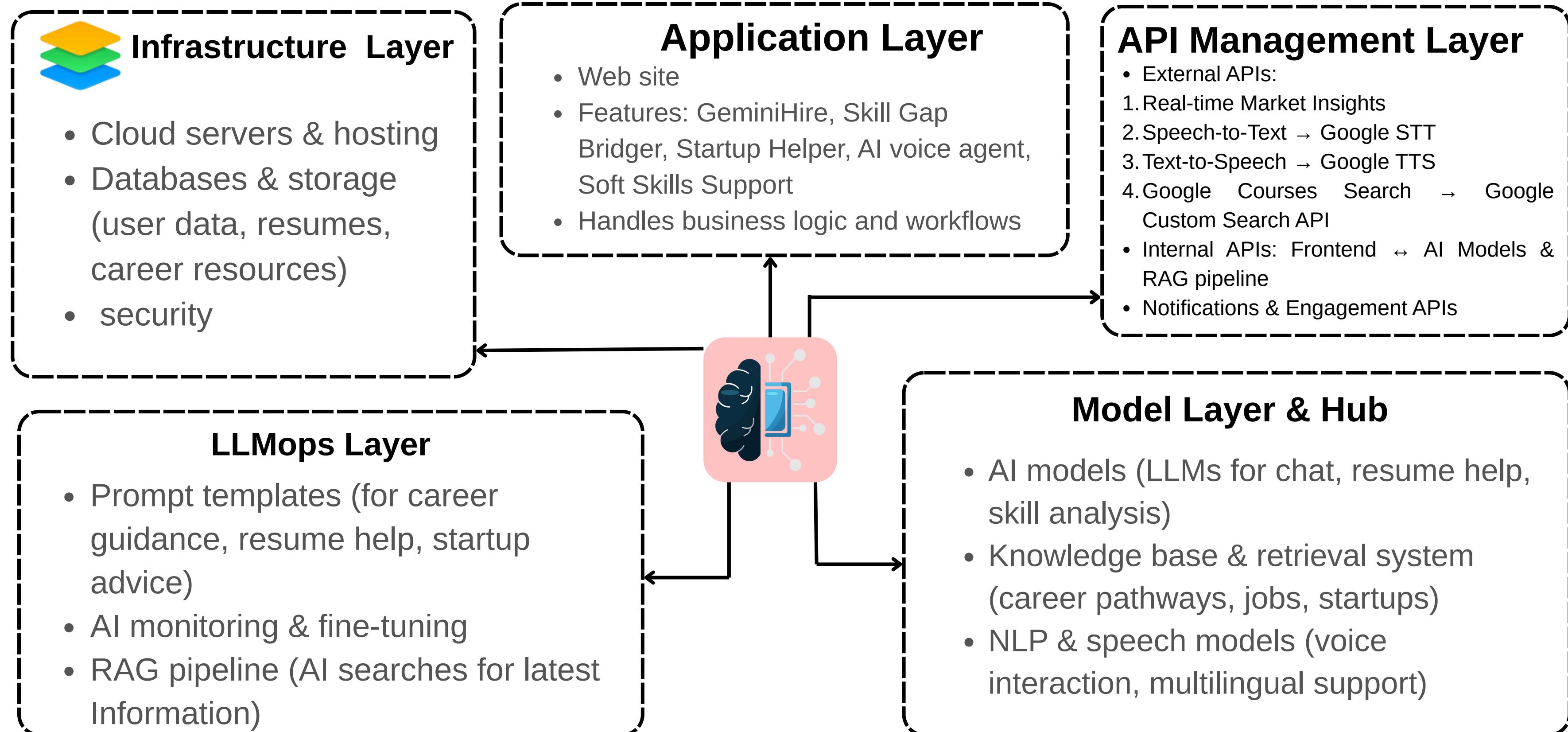
Certifications

- TensorFlow Developer Certificate: Google AI
- AWS Certified Solutions Architect: Amazon Web Services

Projects

- Build a Recommendation Engine: Apply data analysis and ML skills to create a content recommendation system.
- Deploy a Startup MVP: Develop and deploy a minimum viable product for a startup idea using modern web tech.

Architecture diagram of the proposed solution



Technologies to be used in the solution:



Tailwind CSS



Express



Gemini



Google Cloud



Vertex AI



Firebase

AI Tool Utilization

- **Gemini + RAG** – Real-time, factual career guidance and startup validation.
- **Dialogflow CX** – Multi-language voice and chat interaction.
- **Vertex AI Workbench** – Continuous tuning and model improvement.
- **Stitch / Data Fusion** – Live startup and market data integration.
- **BigQuery + Looker** – Dynamic analytics and investor insights.

Storage & Retrieval (RAG)

- **Firestore** – user profiles, progress
- **Cloud Storage** – resumes, pitch decks, multimedia
- **Vertex AI Matching Engine** – vector DB for semantic search over job trends, courses, and startup resources.

Scalability

Built on Google Cloud – Cloud Run, Functions, and Firebase scale automatically with users.

Modular Features – Career, startup, and RAG tools scale independently without slowing each other.

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Thank you