

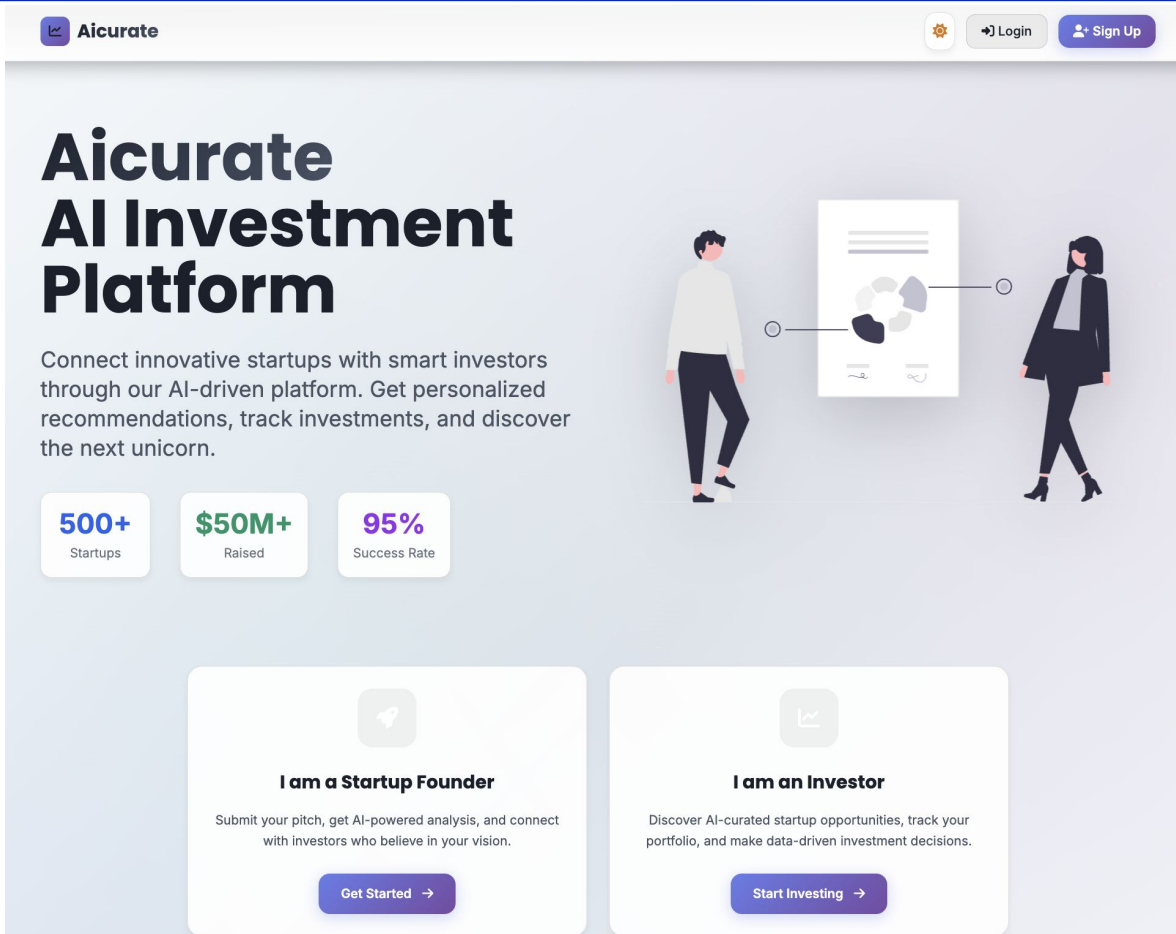
Gen AI Exchange Hackathon

Team Name : Hackformers

Team Leader Name : Ayush Addhyayan

Problem Statement : AI Analyst for Startup Evaluation

Aicurate is a web-based AI analyst platform that autonomously evaluates startups by ingesting pitch decks, financials, and founder content. It delivers real-time insights, metrics, and investor-ready dashboards, fully powered by multi-agent LLM architecture and Google Cloud.



The landing page for Aicurate features a clean, modern design with a light blue and white color scheme. At the top, there's a navigation bar with the Aicurate logo, a settings gear icon, and 'Login' and 'Sign Up' buttons. The main headline 'Aicurate AI Investment Platform' is prominently displayed in a large, bold, dark font. Below the headline, a sub-headline explains the platform's purpose: connecting innovative startups with smart investors through an AI-driven platform. To the right of the text is an illustration of a man and a woman standing next to a large document with a circular flow diagram. Below the sub-headline, three key metrics are highlighted in separate boxes: '500+ Startups', '\$50M+ Raised', and '95% Success Rate'. At the bottom, there are two main call-to-action sections: 'I am a Startup Founder' and 'I am an Investor', each with a brief description and a 'Get Started' or 'Start Investing' button.

Aicurate

Connect innovative startups with smart investors through our AI-driven platform. Get personalized recommendations, track investments, and discover the next unicorn.

500+
Startups

\$50M+
Raised

95%
Success Rate

I am a Startup Founder

Submit your pitch, get AI-powered analysis, and connect with investors who believe in your vision.

Get Started →

I am an Investor

Discover AI-curated startup opportunities, track your portfolio, and make data-driven investment decisions.

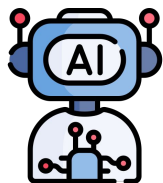
Start Investing →

Opportunity & Differentiation:

MULTI-MODAL AI

01

Ingests pitch decks, financials, videos, audio & text, enabling rich context from all founder materials.



AUTO EVALUATION

02

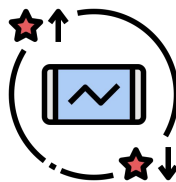
Assesses 40+ metrics (TAM, CAC, churn, etc.) with zero human effort using autonomous LLM agents.



LIVE RERANKING

03

Instantly updates startup rankings as investor preferences or founder data change, no refresh needed.



BUILT FOR SCALE

04

Runs fully on GCP with Gemini, Vertex AI, Firebase production-ready, scalable, and secure.

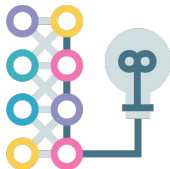


Features:



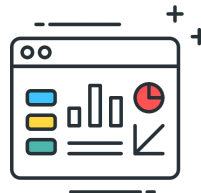
Multi-Modal Ingestion Engine

Accepts PDFs, PPTs, Excel financials, founder videos, audio clips, and plain text, all automatically parsed using LLMs and a multi-agent architecture.



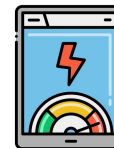
End-to-End Intelligence Pipeline

From real-time data ingestion to LLM-driven insight generation and dashboard updates, everything runs autonomously with no manual steps.



Dynamic Dashboards

Founders view evaluation status and insights, while investors receive real-time, preference-based deal flow rankings that adapt instantly.



LLM-Powered Evaluation Agents

Evaluates 40+ startup KPIs, including TAM, CAC, team quality, traction, churn, and more, with explainable AI outputs and risk flags.



Real-Time Recommendation Engine

Accepts PDFs, PPTs, Excel financials, founder videos, audio clips, and plain text, all automatically parsed using LLMs and a multi-agent architecture.



Investor-Founder Meeting Integration

Investors and founders can schedule 1:1 meetings directly from the dashboard via built-in Calendly or Google Calendar APIs.



Firebase-Backend Auth & Roles

Secure, real-time user sessions with Firebase authentication and role-based access for Founders, Investors, and Admins.



Fully Deployed on Google Cloud

Production-ready deployment on GCP using Gemini, Vertex AI, Firebase, GCP VMs, and Cloud Functions, built for scale and speed.

Process flow diagram:



User Access & Authentication

Founders, Investors, and Admins log in via browser, with secure Firebase-based authentication and role management.



Application Server

All requests pass through **Nginx** to the Flask app, which manages sessions, services, and startup submissions.



Processing Pipeline

Submissions are queued and processed asynchronously by AI workers, ensuring scalability and non-blocking operations.



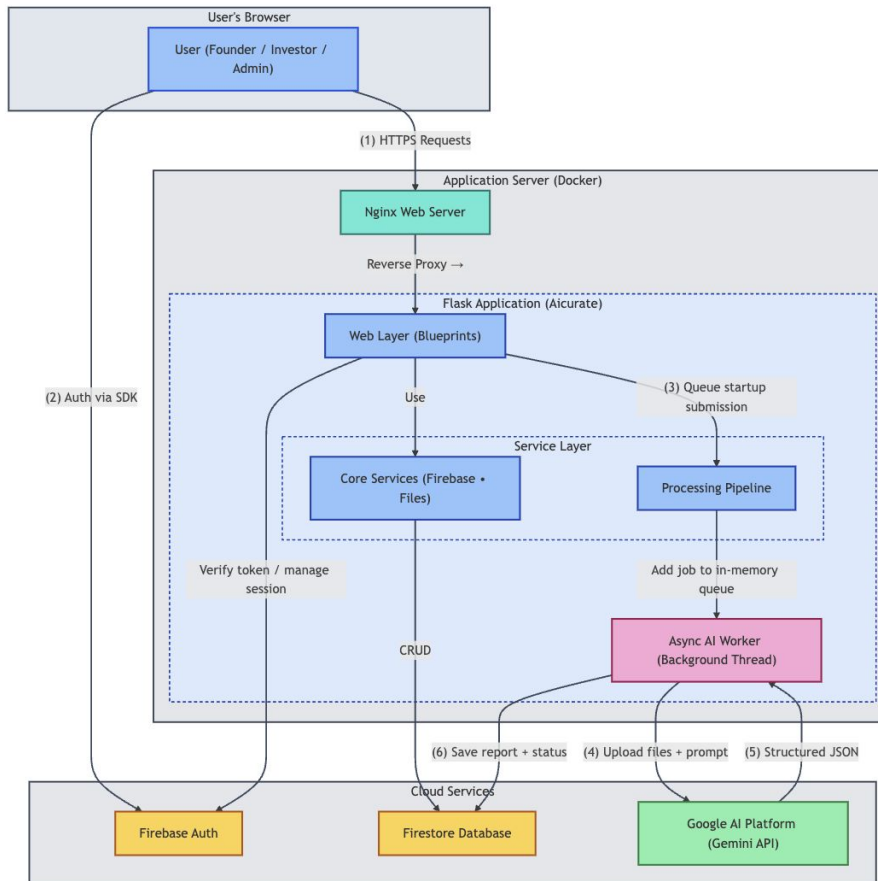
AI-Powered Evaluation

The AI worker interacts with **Gemini APIs** to analyze multi-modal inputs (pitch decks, financials, videos) and generate structured JSON insights.




Data Persistence & Dashboards


Processed insights and reports are stored in **Firestore**, instantly updating dashboards for founders and investors in real time.




Wireframes:




Welcome back, Ayush Addhyayan
Track the progress of your startups and keep investors engaged.




Total submissions
1




Completed
1



Processing
0



Failed
0



Your Submissions
1 total submissions

STARTUP NAME	SECTOR	STATUS	PROGRESS
CRED	Fintech	Completed	Analysis

CRED	Fintech	Completed	Analysis
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Deal Insights

AI-powered startup recommendations tailored for you

Refresh Recommendations

Back to Dashboard

#1

HyperPay
Fintech
HyperPay offers an AI-driven unified checkout API for Indian and SEA merchants, enabling multi-rail payments and real-time fraud detection.

★ 96% Match

and geography (Asia). High overall score, strong metrics, and high investment readiness are standard operational hurdles.

8/10
TEAM QUALITY

9/10
MARKET POTENTIAL

7.2/10
FINANCIAL HEALTH


8.3/10
PRODUCT DIFFERENTIATION

Pass

Interested

View Detailed Analysis

Make Your Investment Decision
Based on comprehensive analysis and AI insights



Invest in HyperPay
Schedule call with founder

Why Invest:


- High growth potential (15.2% MoM)
- Strong founder-market fit (8.6/10)
- Proven traction with 180+ merchants
- AI fraud engine
- Large market opportunity (\$4.0B TAM)

EXPECTED RETURN:
3-5x

RISK LEVEL:
Medium

TIMELINE:
3-5 years

Invest Now



Pass on HyperPay
Not aligned with investment thesis

Considerations:

- Short runway (11 months)
- No SOC2 audit
- SEA market expansion untested

RISK ASSESSMENT:
Medium

MARKET SATURATION:
Low

COMPETITION:
Low

Pass for Now

Schedule Meeting

Download Report

Share Deal

Add to Watchlist

TEAM QUALITY	MARKET POTENTIAL	FINANCIAL HEALTH	PRODUCT DIFFERENTIATION
8/10	9/10	7.2/10	8.3/10

Wireframes:

Upload Assets

Pitch Deck

PDF, PPT, PPTX (Max 50MB)

Click to upload pitch deck

Video Pitch

MP4, AVI, MOV (Max 500MB)

Click to upload video pitch

Audio Pitch

MP3, WAV, M4A (Max 100MB)

Click to upload audio pitch

Financial Model

XLSX, XLS, CSV (Max 25MB)

Click to upload financial model

Product Demo

MP4, AVI, MOV (Max 500MB)

Click to upload product demo

Founder Update

DOCX, DOC, PPTX (Max 500MB)

Click to upload founder update

Supporting Documents

PDF, DOCX, PPTX, XLSX (Max 25MB)

Click to upload supporting documents

Deep Dive Analysis

Comprehensive data visualization for informed decision making

Performance Radar

Multi-dimensional scoring

Market Potential

Product Diff

Team Quality

Go-to-Market

Financial Health

Customer Exp

Traction

Founder Fit

Revenue Trajectory

Monthly growth pattern

Revenue

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Market Opportunity

TAM/SAM/SOM breakdown

TAM

SAM

SOM

Traction Metrics

Key performance indicators

Leads

Conversions

Churn

Retention

Engagement

Referrals

Investment Preferences

Set your investment criteria to receive tailored startup recommendations

Preferred Sectors

FinTech

HealthTech

EdTech

E-commerce

AI/ML

SaaS

ClimateTech

AgriTech

Biotech

PropTech

InsurTech

CyberTech

Investment Range

Minimum Ticket Size (\$)

Maximum Ticket Size (\$)

USD

21000

USD

Series A

Series B

Growth

Europe

Asia

Latin America

Oceania

B2B2C

Marketplace

Subscription

Convertible Note

SAFE

Grant

Expected Exit Timeline (years)

1

Investments per Year

5

Architecture diagram:



Client Layer

Secure browser access for Founders
Investors, and Admins



Edge Layer

CDN & API Gateway for speed
and routing



Application Layer

Flask app + async worker for
submissions & dashboards



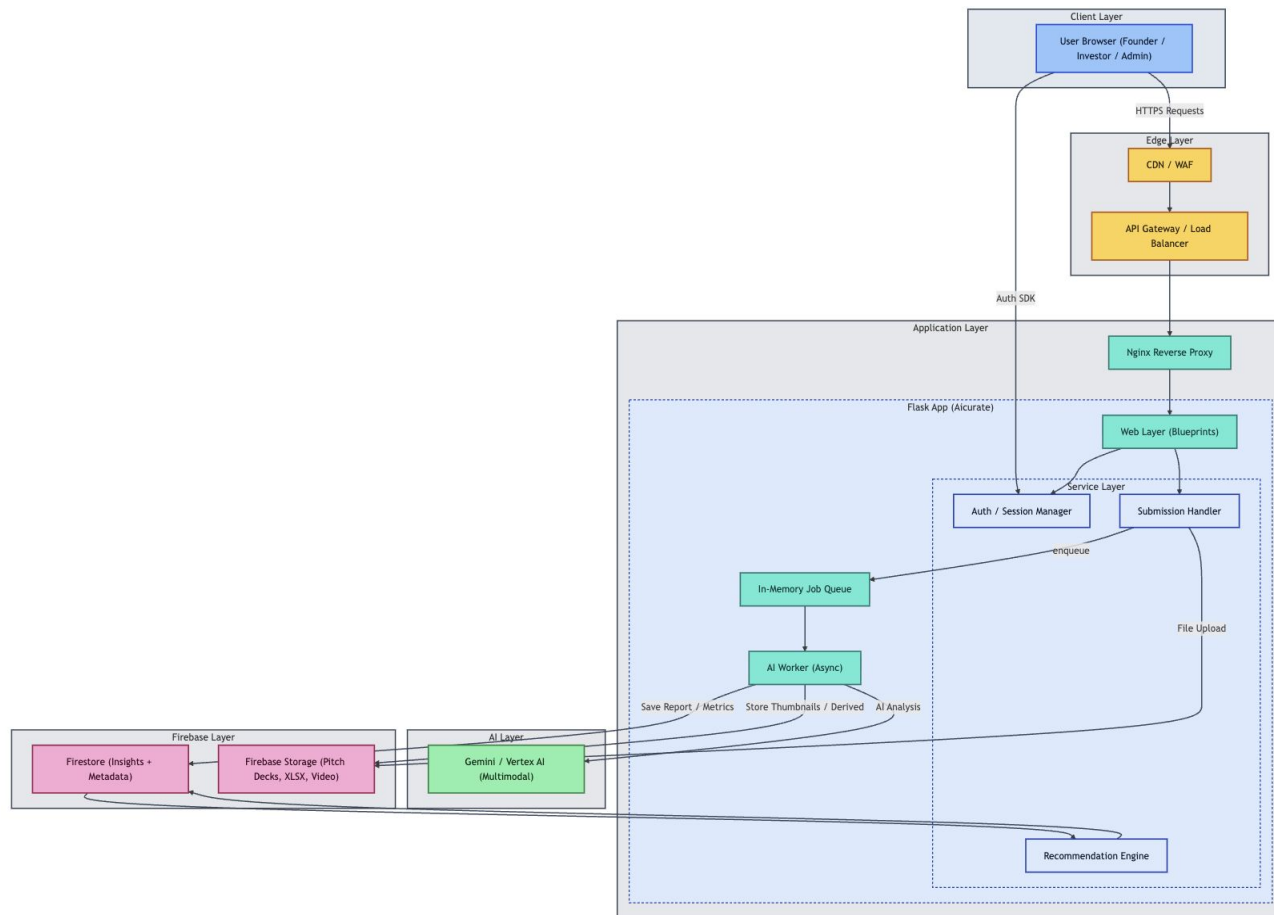
AI Layer

Gemini/Vertex AI for multimodal
startup evaluation



Firebase Layer

Firestore & Storage for insights
and files



Technologies:

Layer	Technologies	Purpose
Frontend (UI)	Flask + Jinja Templates, Bootstrap / TailwindCSS, Chart.js	Server-rendered dashboards, responsive styling, KPI visualizations
Backend (App)	Flask (Python), Nginx, In-Memory Job Queue	Core web APIs, reverse proxy, async processing of submissions & reranking
AI & Processing	Google Gemini / Vertex AI, Cloud Vision (OCR), LangChain agents	Multimodal analysis (PDF, PPT, XLSX, video, audio), orchestration of evaluation/reranker
Data & Storage	Firebase Realtime DB, Firebase Storage	Live insights, evaluation JSON, investor preferences, pitch decks & files
Authentication & Roles	Firebase Auth + RBAC	Secure login, multi-role access (Founder, Investor, Admin)
Integrations	Calendly / Google Calendar API, YouTube Data API	1:1 meeting scheduling, ingest founder-submitted YouTube pitches
Deployment & Ops	Docker, Firebase Hosting / Functions, GitHub Actions	Containerized deploy, realtime triggers, CI/CD pipeline

Estimated implementation cost:

Component	Tools / Services	Cost Estimate
Frontend (Dashboards)	Flask + Jinja, Bootstrap/Tailwind, Chart.js	Mostly developer effort → \$0 infra
Backend (App Server)	Flask (Python), Nginx, Docker	Small VM/container hosting → \$20–50/mo
AI & Processing	Google Gemini / Vertex AI, LangChain	Pay-per-use (≈ \$200–500/mo for pilot with moderate evaluations)
Database & Storage	Firebase Realtime DB + Firebase Storage	Free tier → scaling to \$50–150/mo
Auth & Security	Firebase Auth (multi-role access)	Free tier → scaling to \$25–50/mo
Integrations	Calendly / Google Calendar API, YouTube API	Free (basic tiers)
Deployment & CI/CD	Firebase Hosting, Functions, GitHub Actions	Mostly free → scaling to \$20–50/mo

≈ **\$300–800/month** in cloud/API usage, assuming ~50–100 startups evaluated monthly. Costs scale **linearly with AI calls** (Gemini API is the main driver).

Gen AI Exchange Hackathon

Thank you