ANALYTIQ SOLUTIONS

AI-Powered Skill-to-Startup Matchmaker
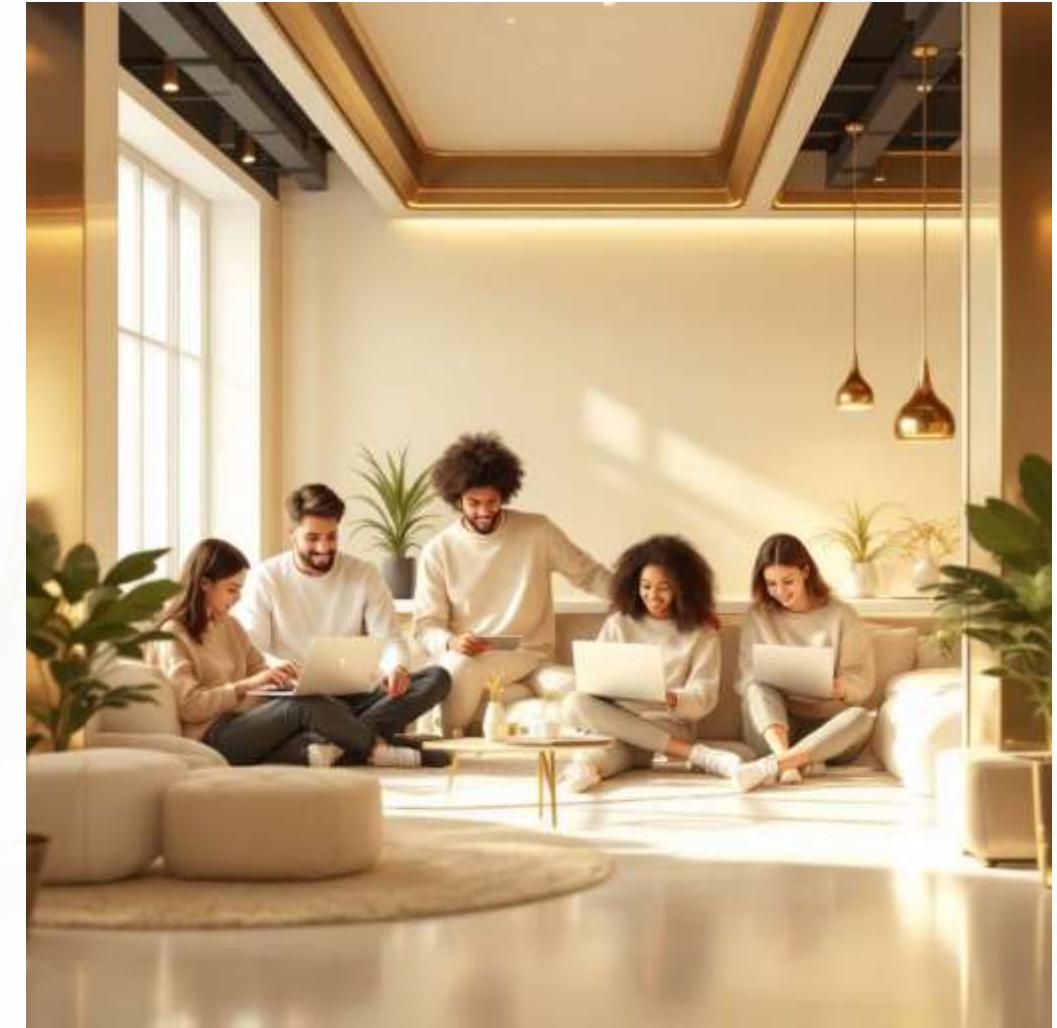
An energetic platform idea: meet Gen Z where they are — curious, collaborative, and digitally native. This deck outlines why entrepreneurship is surging among Gen Z, the gap aspiring founders face, and a practical AI product that matches skills to startup opportunities, co-founders, and incubators.

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Why Now: Gen Z & The Rise of Micro-Founding

Behavioral shifts: Career fluidity, side hustles as identity, and social-first product discovery make Gen Z uniquely primed for rapid startup formation.

- Preference for fast feedback loops and community-driven learning

- High digital literacy — comfortable with AI tools and low-code solutions

- College entrepreneurship programs expanding, but access is uneven

The Problem: Great Potential, Real Friction

1

Idea Discovery

Many talented students and early professionals can't translate skills into tangible startup concepts that fit market need.

2

Co-founder Mismatch

Finding complementary teammates (skills + working style) is slow and risky; poor matches raise early attrition.

3

Access to Incubators & Funding

Incubator slots and seed networks are fragmented; promising founders often miss the right channels.

Our Solution — At a Glance

One platform that:

- Generates validated startup ideas from a user's skill graph and interests

- Recommends co-founders with complementary skills and personality fit

- Maps incubator programs, mentorship, and initial funding routes

- Provides a Founder Dashboard and Studio-Ghibli-inspired onboarding to delight users

Key Features: Product Walkthrough

Skill Graph Matching

Dynamic mapping of hard and soft skills — connects users to idea clusters and roles they can own.

Idea Generation & Validation

AI proposes concise ideas with market signals, comparable prototypes, and quick validation experiments.
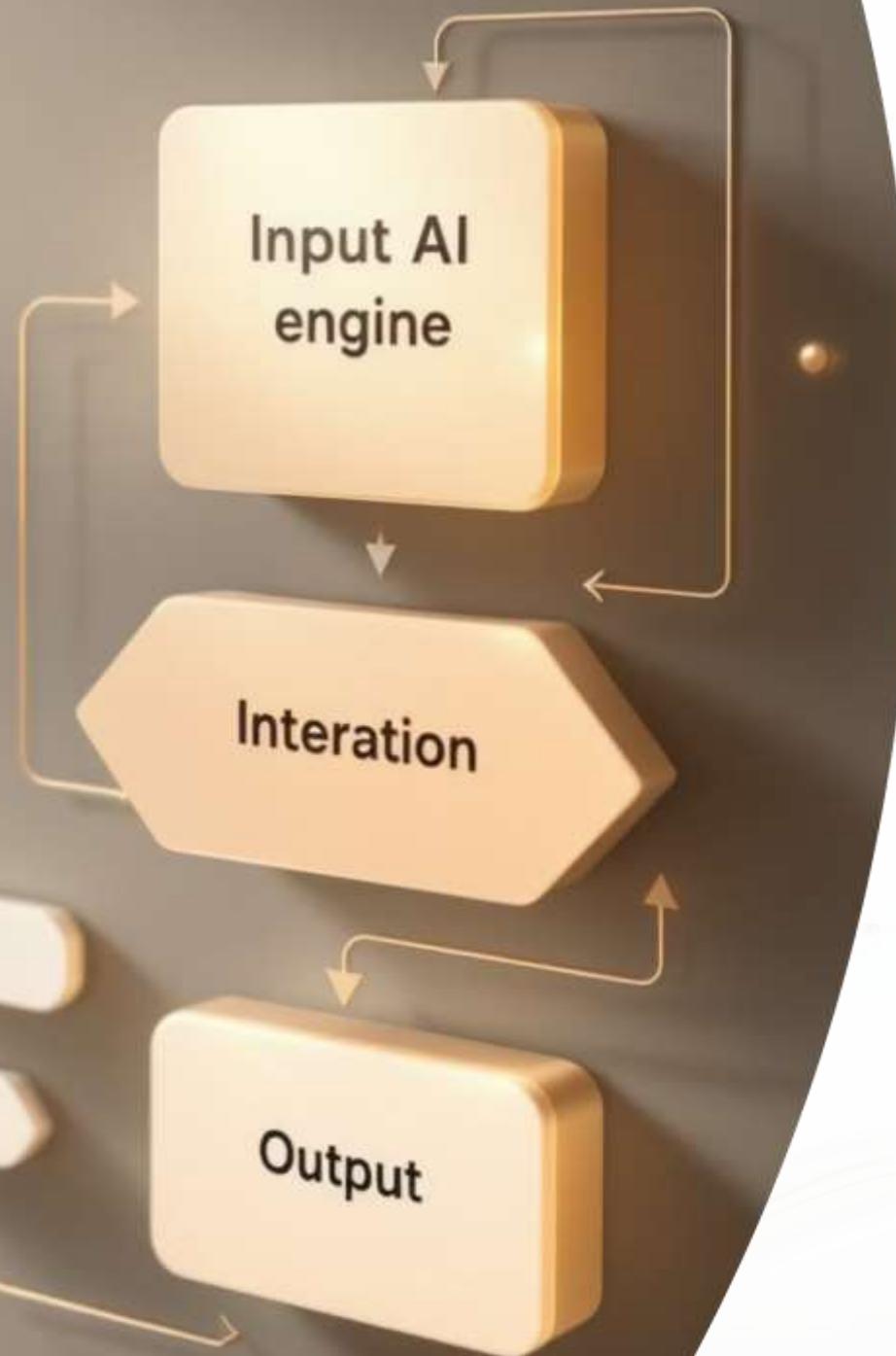

Co-founder Recommendations

Personality and work-style matching plus role clarity reduce early-stage conflict and speed formation.

Incubator & Funding Discovery

Filterable listings, tailored introductions, and application optimization tools for higher acceptance rates.

System Architecture — How Data Flows

Flow: Users → Skill & profile inputs (resume, GitHub, LinkedIn, short personality quiz) → AI Engine (NLP idea synthesis, graph matching, psychometric scoring) → Outputs (ideas, co-founder matches, incubator suggestions, growth tasks).

Architecture emphasizes privacy, modular ML components, and API-first integrations for campuses and incubators.

Technology Stack

- **Frontend:** React.js or Flutter for cross-platform, responsive UIs

- **Backend:** Django (Python) or Node.js — REST/GraphQL APIs

- **Database:** PostgreSQL with semantic search layer

- **AI Layer:** PyTorch or TensorFlow for models; Hugging Face transformers for NLP

- **Integrations:** LinkedIn APIs, GitHub, Startup directories (Startup India, Crunchbase), campus ERP connectors

AI Logic — From Words & Profiles to Matches

01

1) NLP Idea Synthesis

Extract skills, project descriptions, and interests from free text to generate concise idea briefs and hypotheses.

02

2) Graph-Based Skill Matching

Construct a skill/role graph; run subgraph matching to find complementary co-founder candidates and role gaps.

03

3) Psychometric & Behavioral Fit

Lightweight psychometric signals (work style, decision speed) are combined with collaboration history to score compatibility.

04

4) Signal-Enriched Prioritization

Augment matches with market signals (keyword search volume, competitor density) to surface ideas with high opportunity.

Impact & Validation — Why Investors and Incubators Should Care

9+/10

Profit Potential

High — data-driven idea selection improves go-to-market fit and reduces wasted builds.

9+/10

Gen Z Reach

High — product tailored to Gen Z behaviors and channels.

9+/10

Technical Uniqueness

High — combined NLP + graph matching + psychometrics is rare at student scale.

9+/10

Social Impact

High — democratizes access to entrepreneurial resources across campuses and regions.
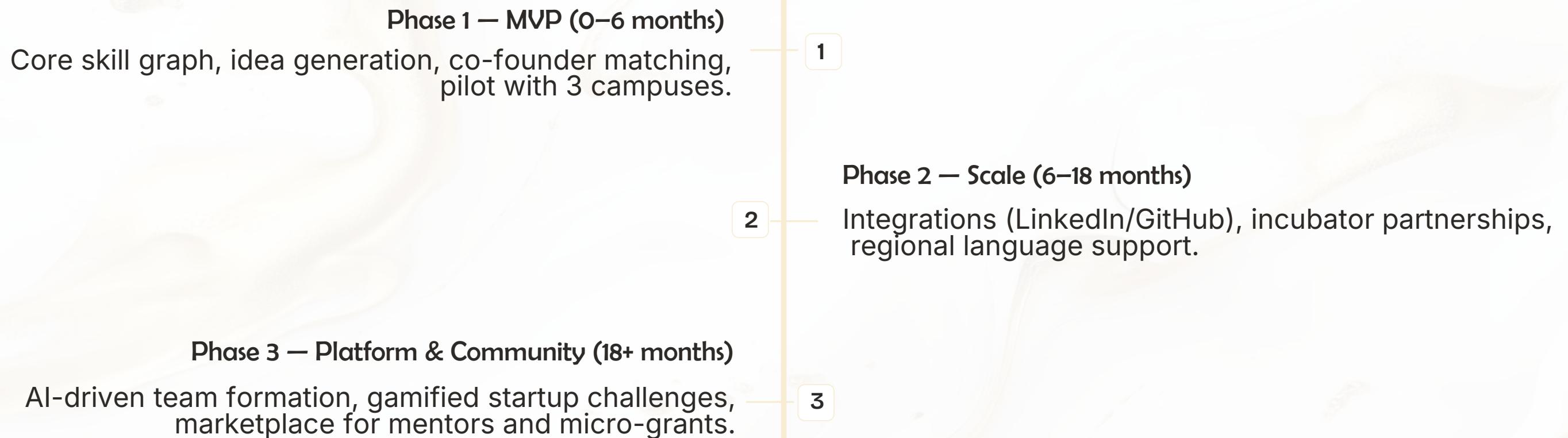
9+/10

Investor Appeal

High — repeatable funnel of investable teams and pre-validated ideas.

Roadmap & Closing

Phase 1 — MVP (0–6 months)

Core skill graph, idea generation, co-founder matching,
pilot with 3 campuses.

1

Phase 2 — Scale (6–18 months)

2
Integrations (LinkedIn/GitHub), incubator partnerships,
regional language support.

Phase 3 — Platform & Community (18+ months)

AI-driven team formation, gamified startup challenges,
marketplace for mentors and micro-grants.
3

Thank you. "Let's empower the next generation of founders."