Student Outreach & Application Tracking System

AI Innovation for Seamless Outreach

8

STEM Empowerment





Problem Statement

Current Challenges

- Manual Data Collection is time-consuming, error-prone, not scalable
- **Unable** link student interest to specific events
- Progression from interested registered → applied, is unmonitored
- Scattered data, no centralized tracking

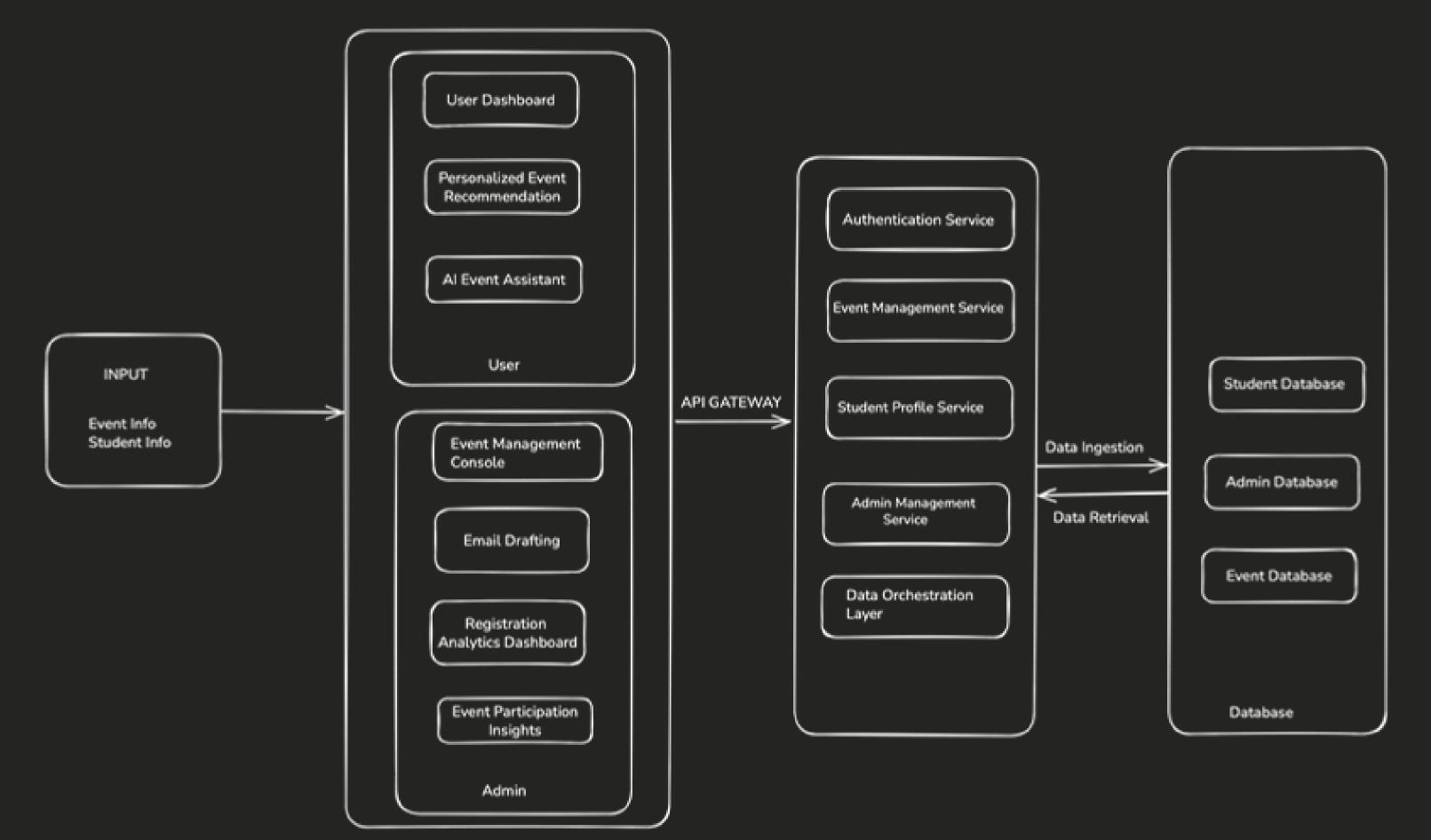
Business Impact

- Missed opportunities to nurture high-potential STEM candidates.
- Reduced scalability of outreach across multiple colleges.
- Compromised decision-making due to delayed and inaccurate insights.





Solution Work Flow



3



Demo/Prototype

Home Login Sign Up 1777+ 55% 12% 908 Women directly impacted Currently in the program At managerial level At senior leadership level 69% 43% Higher median salary Outperform peers at workplace

Katalyst

Empowering women to dream bigger and aim higher through education, mentorship, and opportunities.

Quick Links

Home Events

About Us

Contact

Get in Touch

info@katalystindia.org

% +91 98765 43210

Aurus Chambers, 502 A Wing, S.S. O Shivram Seth Amritwar Marg, Worli, Mumbai, Maharashtra 400025

Follow Us

f @ 57 im



© 2025 Katalyst India. All rights reserved.



Technology Stack





React



Tailwind CSS



Framer



Backend



NodeJs



Javascript





MongoDB





Groq API

FAISS

RAG



FUTURE SCOPE



Business/System Growth

- Entire Multilingual System for inclusivity
- Advanced Data Security
- Scalability for outreach expansion across multiple colleges.



User Experience

- Gamification for Engagement (badges, certificates for participation)
- Personalized student profiles to track history, progress, and upcoming events.



Al Innovation

- Al-Powered and voice-enabled Chatbot Expansion
- AI-Powered Chatbot Expansion
- Al-Driven Personalization & Insights
- Al-powered CRM, LMS & WhatsApp/SMS integration for scalable outreach.



Collaboration & Outreach

- Integration with external platforms (LinkedIn, Google Calendar) for event visibility.
- Alumni and mentor tracking for long-term impact measurement.



Q&A



