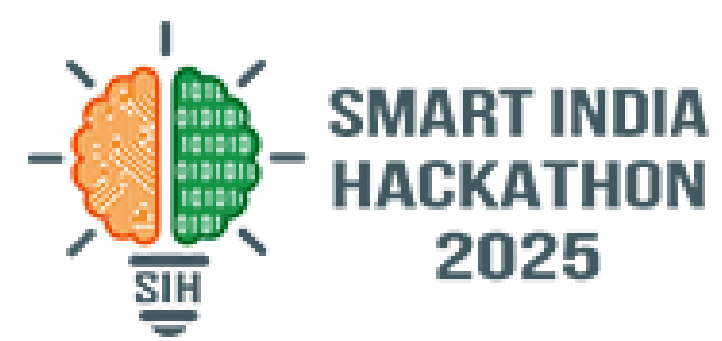
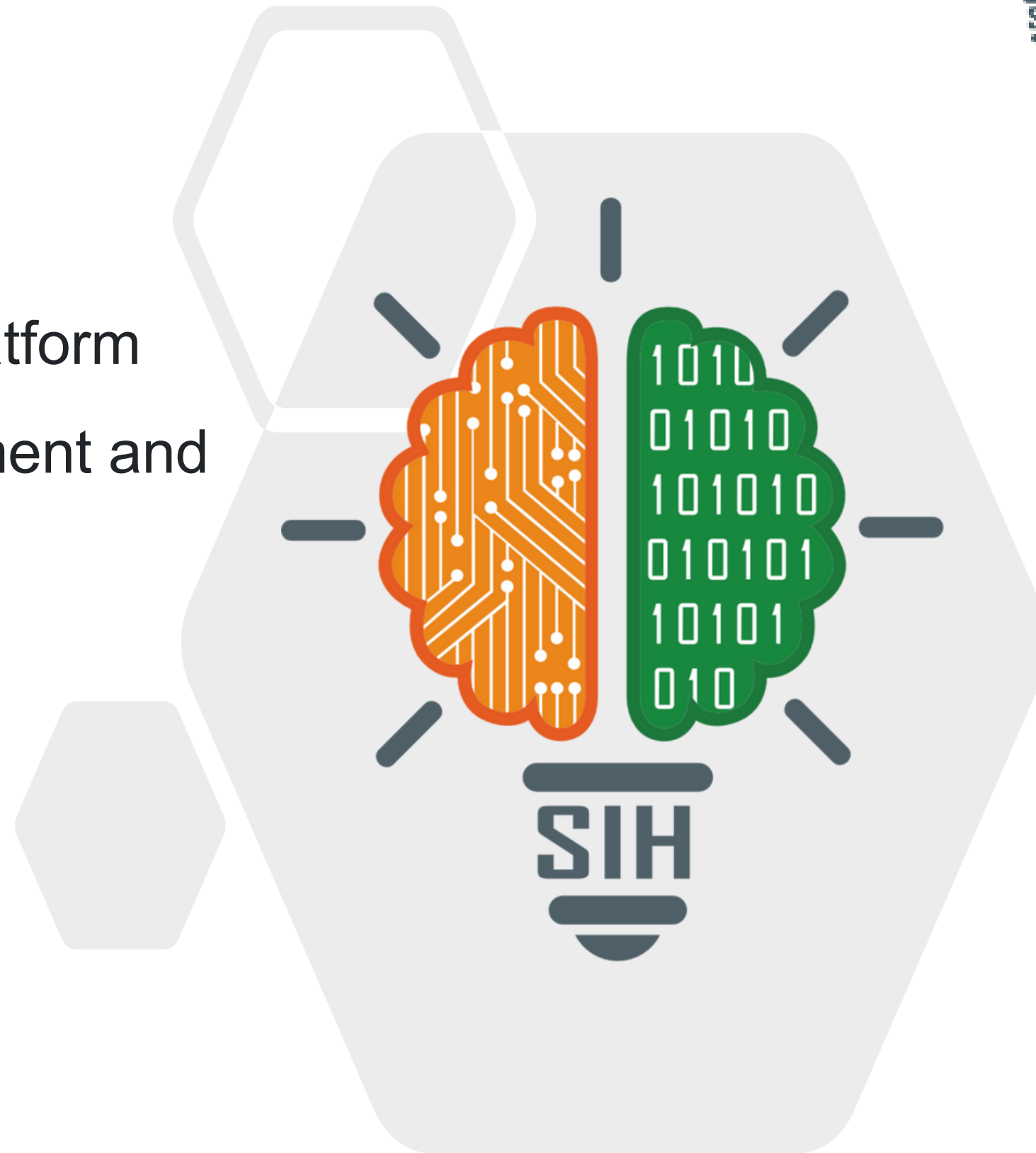


SMART INDIA HACKATHON 2025



- **Problem Statement ID** – SIH25017
- **Problem Statement Title** - Digital Platform for Centralized Alumni Data Management and Engagement
- **Theme** - Smart Education
- **PS Category** – Software
- **Team ID** - 62321
- **Team Name** - SAIYOG



❖ Proposed Solution

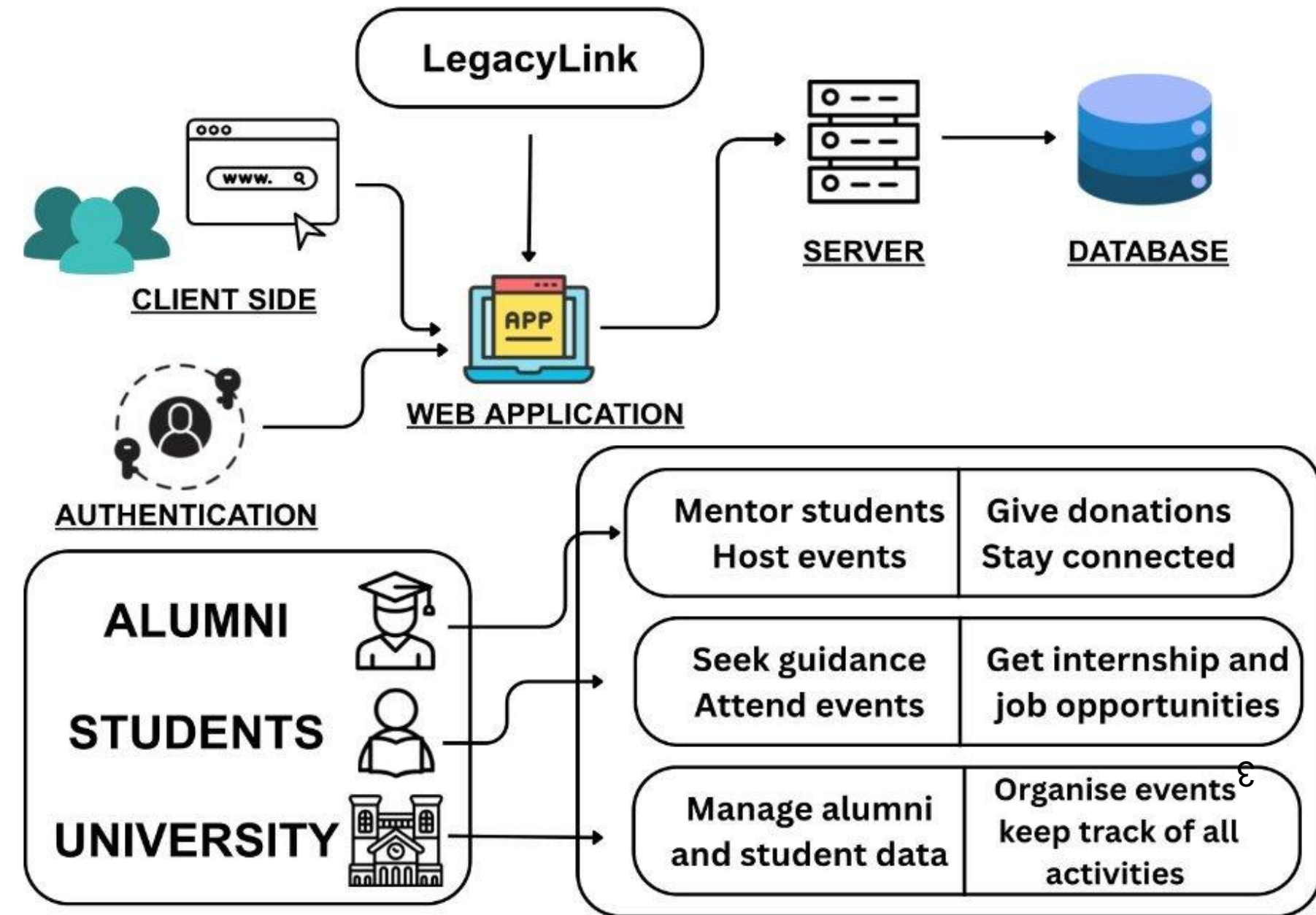
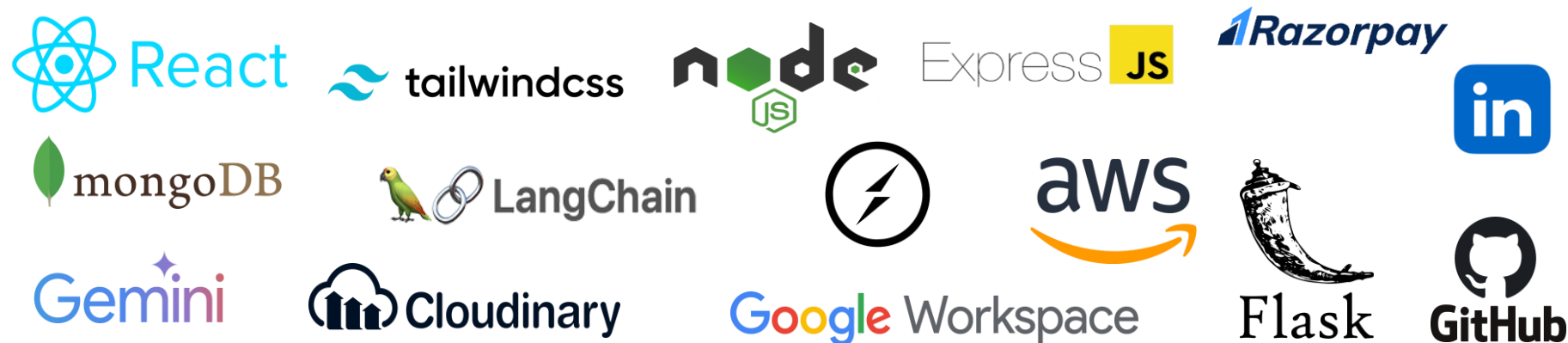
- **Centralization** → A single, organized platform to store, manage, and update alumni data seamlessly.
- **Affordability** → Cost-effective solution designed for Indian institutions compared to costly global platforms.
- **Mentorship** → Structured system for alumni to guide students in careers, skills, and opportunities.
- **Networking** → Smooth and easy way for students and alumni to connect, collaborate, and grow together.
- **Engagement** → Tools for events, webinars, and reunions to keep alumni actively connected.
- **Analytics** → Smart dashboards for admins to track alumni progress, event success, and overall engagement.

Alumni Engagement Cycle

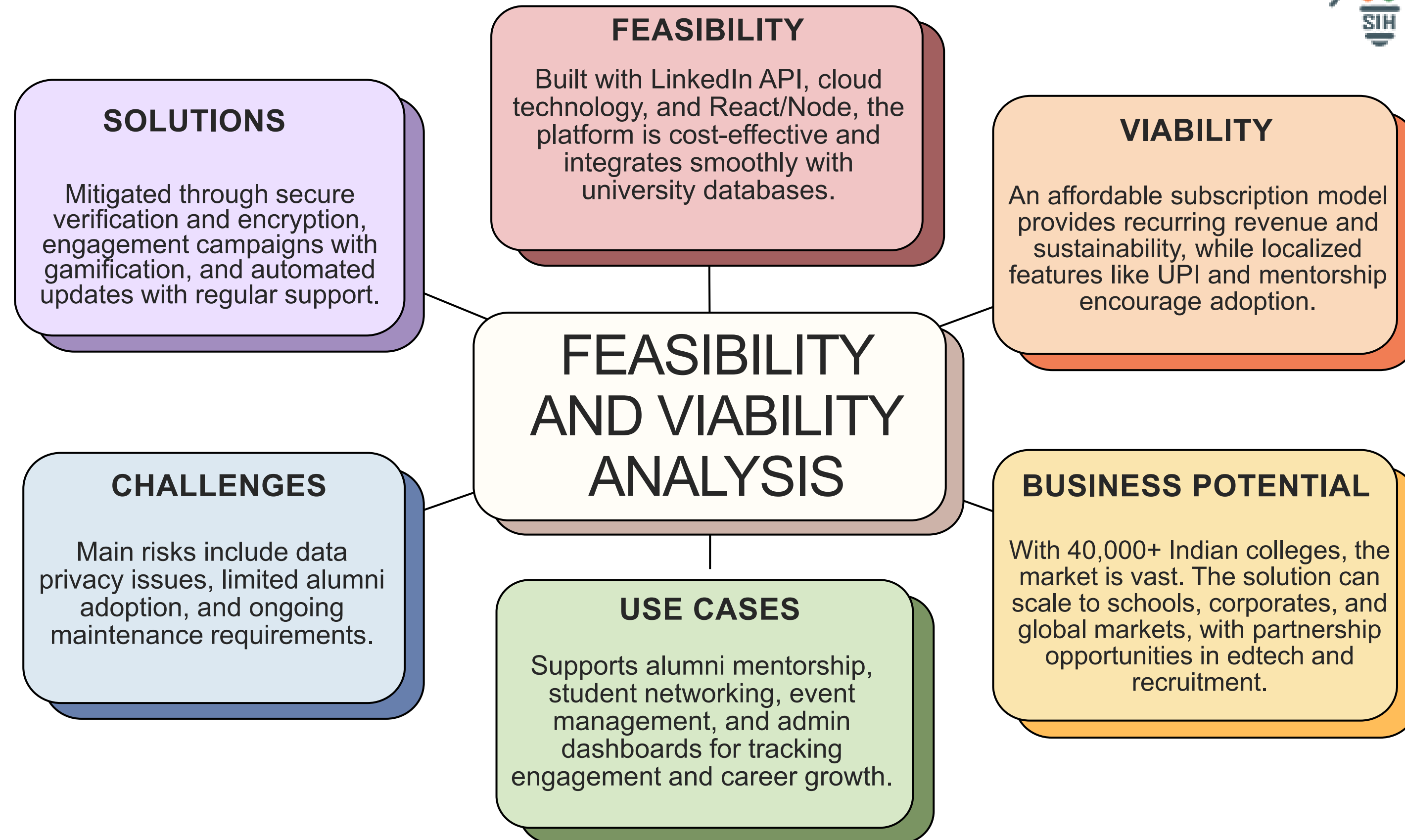


❖ Technology Stack

- **Frontend** : React Js, React Native, Tailwind CSS, React recharts, Framer-motion.
- **Backend** : Node Js, Express Js, Flask, REST API, MongoDB, Socket.io.
- **AI and ML** : Langchain, Gemini 2.5 flash Model.
- **API Services** : Linkedin API, Github API, Auth0, Cloudinary, Gmail, Rayzor Pay.
- **Cloud and Deployment** : Amazon AWS, Render, Google Workspace.



[PROTOTYPE LINK](#)



POTENTIAL IMPACTS

01

ALUMNI

Stay connected , mentor students and give back easily



02

STUDENTS

Gain guidance, internships and mentor students



03

INSTITUTIONS

Build credibility and strengthen the community



SOLUTION BENEFITS

01

CENTRALIZED DATA

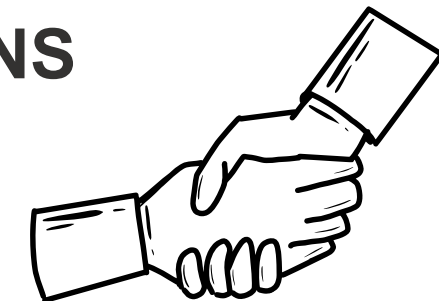
Easy access to updated alumni records.



02

STRONGER CONNECTIONS

Smooth connection between all parties



03

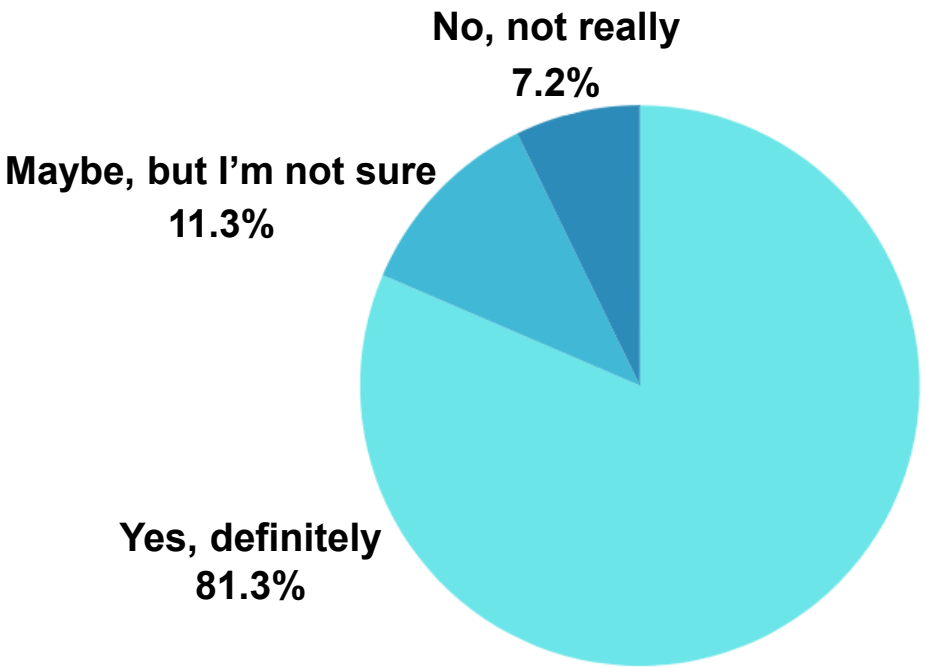
INSTITUTIONAL GROWTH

Better reputation and long term relations



1. Design and Implementation of an Alumni Management System - [Source](#)
2. Centralized Alumni Management System (CAMS) - A Prototype Proposal - [Source](#)
3. Top alumni engagement platforms: Graduway vs Alabase vs Hivebrite - [Source](#)

Do you think your college should have a centralized alumni platform?



Comparision with Existing Systems

Feature	LegacyLink	AlmaConnect	Graduway	Hivebrite
Job Portal	✓	✓	✓	✓
Networking Hub	✓	✓	✓	✓
Alumni Directory	✓	✓	✓	✓
Donation Portal	✓	✓	✗	✓
Events and Reunions Management	✓	✓	✓	✓
Gamification and Rewards	✓	✗	✓	✗
AI Driven Network Assistant	✓	✗	✗	✗