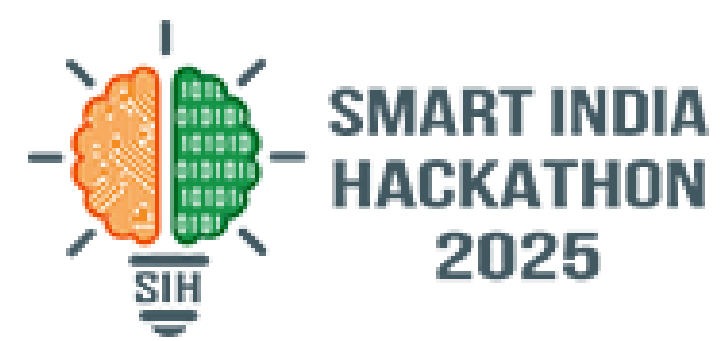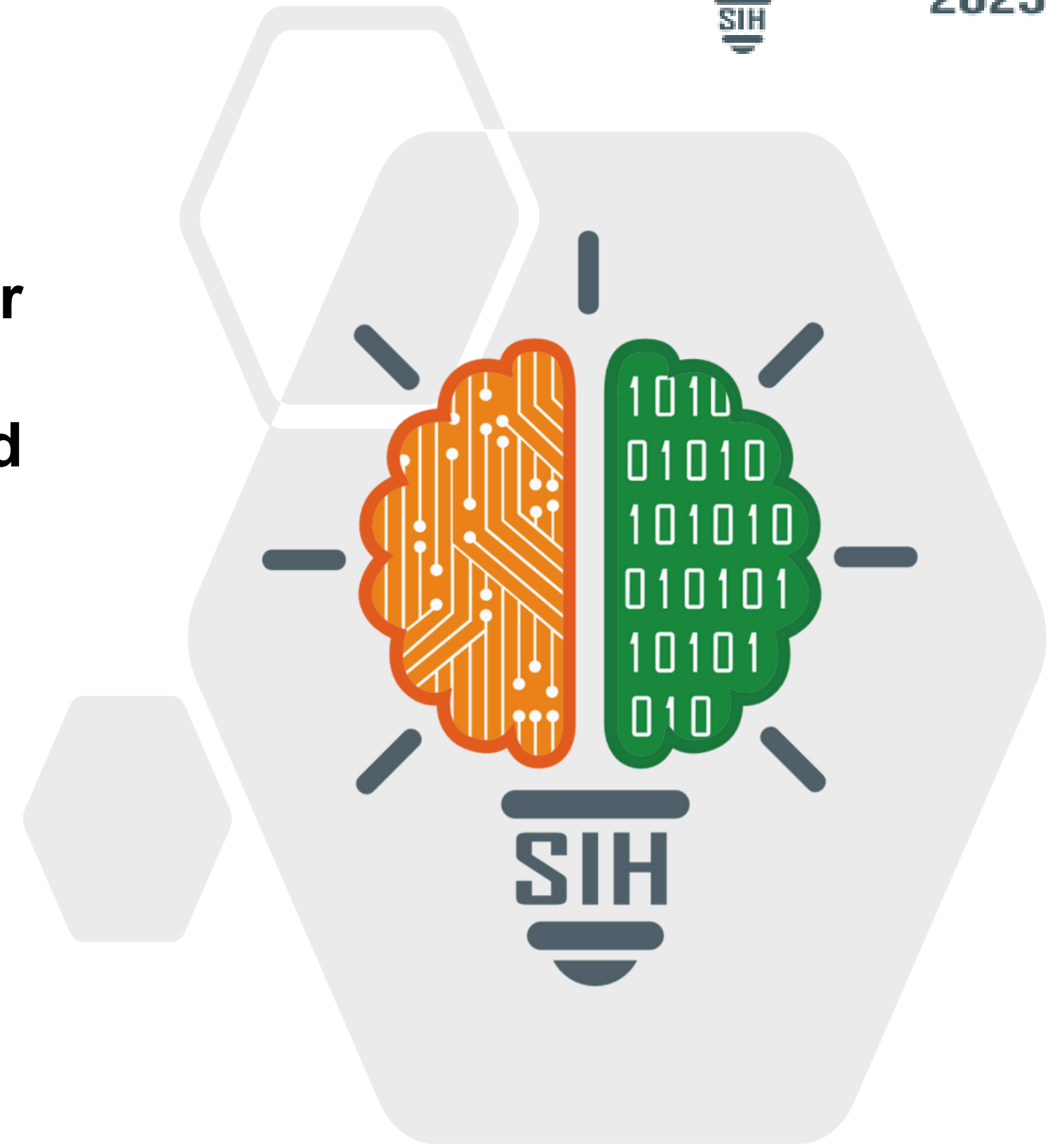# SMART INDIA HACKATHON 2025

- **Problem Statement ID –25017**

- **Problem Statement Title- Digital Platform for Centralized Alumni Data Management and Engagement**

- **Theme- Smart Education**

- **PS Category- Software**

- **Team ID-**

- **Team Name - DivineDevs**

AlmaConnect – The AI-Powered Alumni OS

◆ **Networking & Engagement**
- Verified alumni-student-faculty network.
- Posts, feeds, groups, events → like LinkedIn + FB but campus-only.
- Batch/year-wise + interest-based communities.
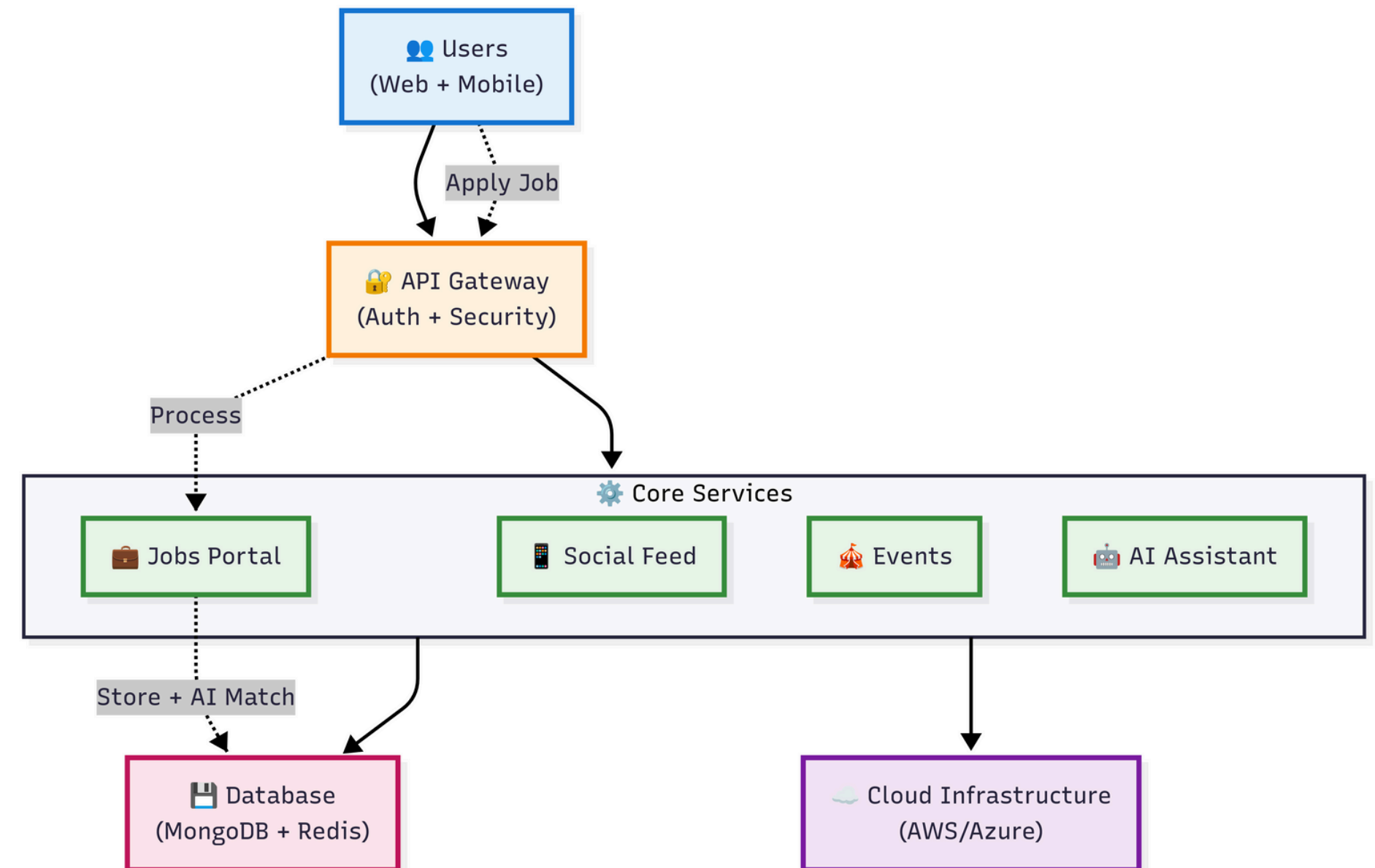
◆ **Career Hub**
- AI Job Match: smart filters, salary insights, referrals.
- Resume builder, interview prep, internships, alumni referrals.
- Direct job board + application tracker.

◆ **Real-time Communication**
- WhatsApp-style chat, group chats, calls.
- Secure file sharing & encrypted messaging.

◆ **AI + Institutional Edge**
- AI Career Assistant: personalized growth roadmap.
- Predictive analytics for career & alumni insights.
- Institution dashboard → donations, events, alumni success tracking.

TECHNICAL APPROACH

Methodology & Implementation

◆ **Data Foundation**
- Alumni, student & faculty data collection + cleaning.
- Blockchain for academic verification & identity (tamper-proof, DID, ZKP).

◆ **AI Engine**
- Recommendation models (jobs, mentors, events).
- Predictive analytics for engagement & donations.
- Fraud detection & sentiment analysis with ML.

◆ **Integration Layer**
- Unified portal (profiles, jobs, events, chat).
- Smart contracts for transparent donations & governance voting.
- Audit logs on blockchain (no hidden admin changes).

◆ **User Experience**
- Personalized dashboards for students, alumni & institutions.
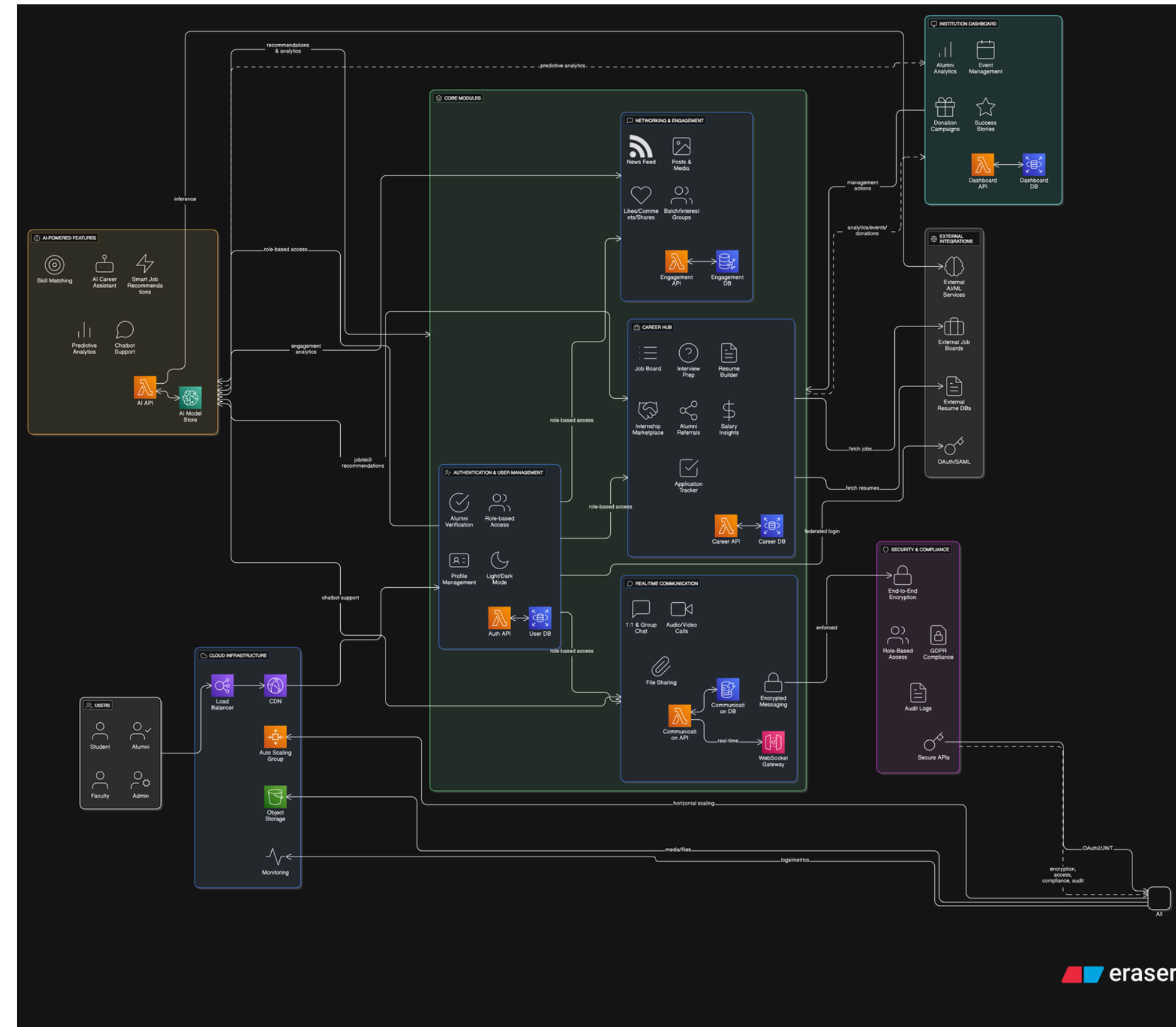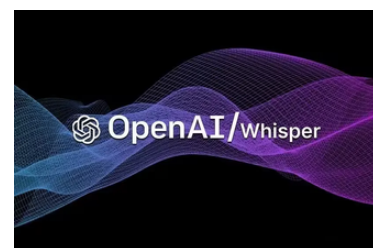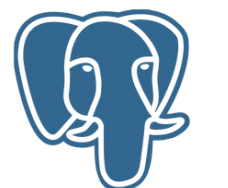- Chatbot with LLM-powered FAQ, career guidance & alumni story generation.

◆ **Continuous Improvement**
- Pilot → feedback → refine.
- RAG-based LLM ensures evolving knowledge base from alumni posts.

Tech Stack

DivineDevs

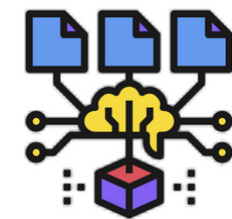SMART INDIA HACKATHON 2025

Feasibility of the Idea

Technical Feasibility - Modern web and cloud technologies enable easy integration with existing institutional systems, ensuring secure, scalable, and reliable platform performance. AlmaConnect connects seamlessly to institutional data with minimal hurdles.

Operational Feasibility – User-friendly interface and intuitive onboarding fit naturally into workflows. Alumni, students, and admins require minimal training, speeding adoption and minimizing disruption.

Future Goals – Designed for growth, AlmaConnect supports future AI features, analytics, and multilingual support, ensuring long-term adaptability.

Economic Feasibility – Utilizing existing IT infrastructure and flexible paid features, AlmaConnect minimizes upfront costs and supports sustainable development.

Viability of the Idea

Market Viability- AlmaConnect meets increasing demand for all-in-one alumni career platforms, offering richer features and deeper personalization than fragmented competitors.

User Viability – Features like mentorship, job search, and event management drive engagement across alumni, students, and institutions by addressing their needs.

Revenue Workload – Monetization via premium alumni services, recruiter postings, and event sponsorships creates a balanced, financially sustainable ecosystem.

Scalability Viability – Cloud-native, API-based design enables easy scaling and regional compliance, supporting institutions of all sizes worldwide.

IMPACT AND BENEFITS

Potential Impact of Solution

Institutions: Streamlined alumni relations and event management, leading to stronger, lifelong connections with alumni.

Students: Direct access to mentorship, internships, and career guidance from experienced alumni, boosting career prospects and confidence.

Alumni: Easier professional networking, trusted community, and opportunities to give back via mentorship or talks.

Society: Encourages lifelong learning, continuous professional growth, and builds engaged educational communities.

Employers: Easy access to verified talent pools, enhanced recruitment through alumni-driven referrals.

Benefits of Solution

Enhanced Transparency: Everyone in the network can clearly see the processes, connections, and opportunities, which builds trust and reduces confusion.

Skill Development: Users (alumni, students, staff) gain experience using modern tools like AI-powered dashboards and advanced networking systems, enhancing their digital literacy and professional skills.

Increased Confidence: Passengers and users feel secure and more engaged because the platform ensures reliability, verified profiles, and timely communications.

Data-Driven Decisions: Institutions and users can make better decisions based on real-time data and analytics rather than guesswork or outdated methods.

Emergency Preparedness: The system can quickly alert and respond to emergencies or sudden changes, improving safety and operational responsiveness.
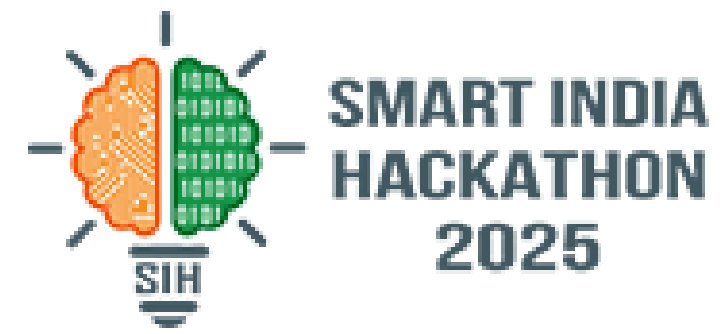
Positive Environmental Impact: By digitizing processes and reducing manual paperwork or resource wastage, the platform helps institutions achieve eco-friendly goals.

Scalability: The platform is designed to grow and adapt, supporting expansion to new institutions, larger communities, or additional services.

- https://www.peoplegrove.com
- https://www.graduway.com
- https://joinit.org
- https://semaphore.appliedzkp.org