

SMART INDIA HACKATHON 2025



TITLE PAGE

- Problem Statement ID – SIH25207
- Problem Statement Title- Prashikshan - An app for Academia Industry Interface
- Theme- Smart Education
- PS Category- Software
- Team ID- 50462
- Team Name – Binary Brains



IDEA TITLE

❖ Problem Statement

Lack of structured collaboration between academia and industry

- Students often lack practical exposure and industry readiness
- Businesses find it difficult to reach skilled candidates directly
- Need for a unified digital platform for training & employment

❖ Proposed Solution

A web-based platform connecting colleges and businesses

- Provides training, internships, and employment opportunities
- AI-driven matching of students with training modules
- Innovation: Bridges academic learning with real-world industry needs

TECHNICAL APPROACH

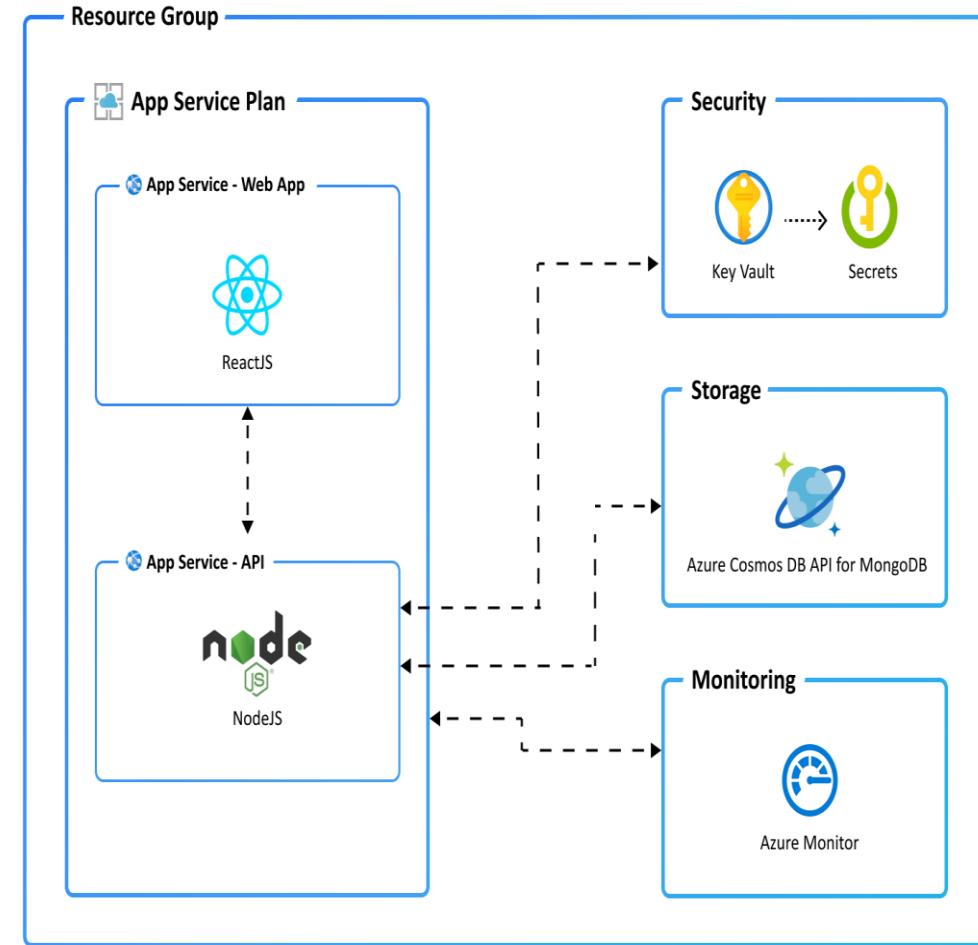


Technologies to be used:

- Frontend: React.js, Tailwind CSS
- Backend: Node.js + Express.js
- Database: MongoDB/MySQL
- Authentication: JWT + OTP Verification
- Hosting: AWS/Azure Cloud

Methodology:

- Registration for colleges & businesses



FEASIBILITY AND VIABILITY



Feasibility:

- Scalable and secure web platform
- Cloud-based hosting for reliability
- User-friendly and accessible interface

Challenges:

- Data privacy & security concerns
- Ensuring high industry participation
- Student engagement

IMPACT AND BENEFITS



Impact:

- Bridges gap between academia & industry
- Produces industry-ready graduates
- Enhances employability and innovation

Benefits:

- Social: Skill development & career opportunities
- Economic: Employment generation

IMPACT AND BENEFITS



Skill
Development



Employment

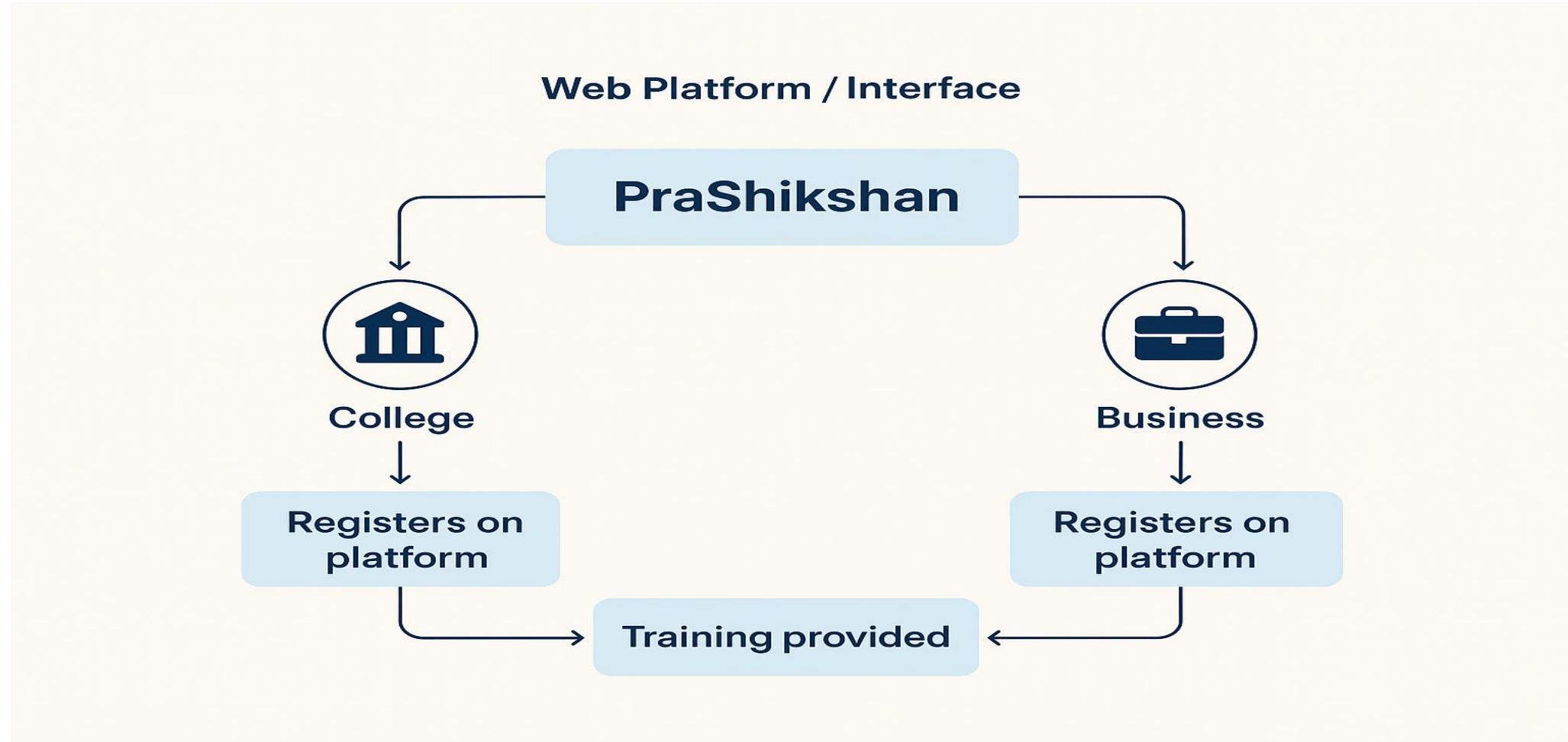


Economic
Growth



Societal

Flow Diagram



RESEARCH AND REFERENCES



- Reports on Skill Gap in India – NASSCOM, FICCI
- AICTE initiatives on industry-academia collaboration
- Government National Skill Development Mission
- Industry-academia partnership case studies