



# PROFILE

## EDUCATIONAL-TECH



PROJECT  
THEME

ED-TECH  
AI-Powered Personalized Learning

PROBLEM  
TITLE

Transforming Traditional Learning into  
AI-personalized success journeys

TEAM NAME

Heil Coders

MEMBERS

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- Ayushi Chouksey



# ED-TECH

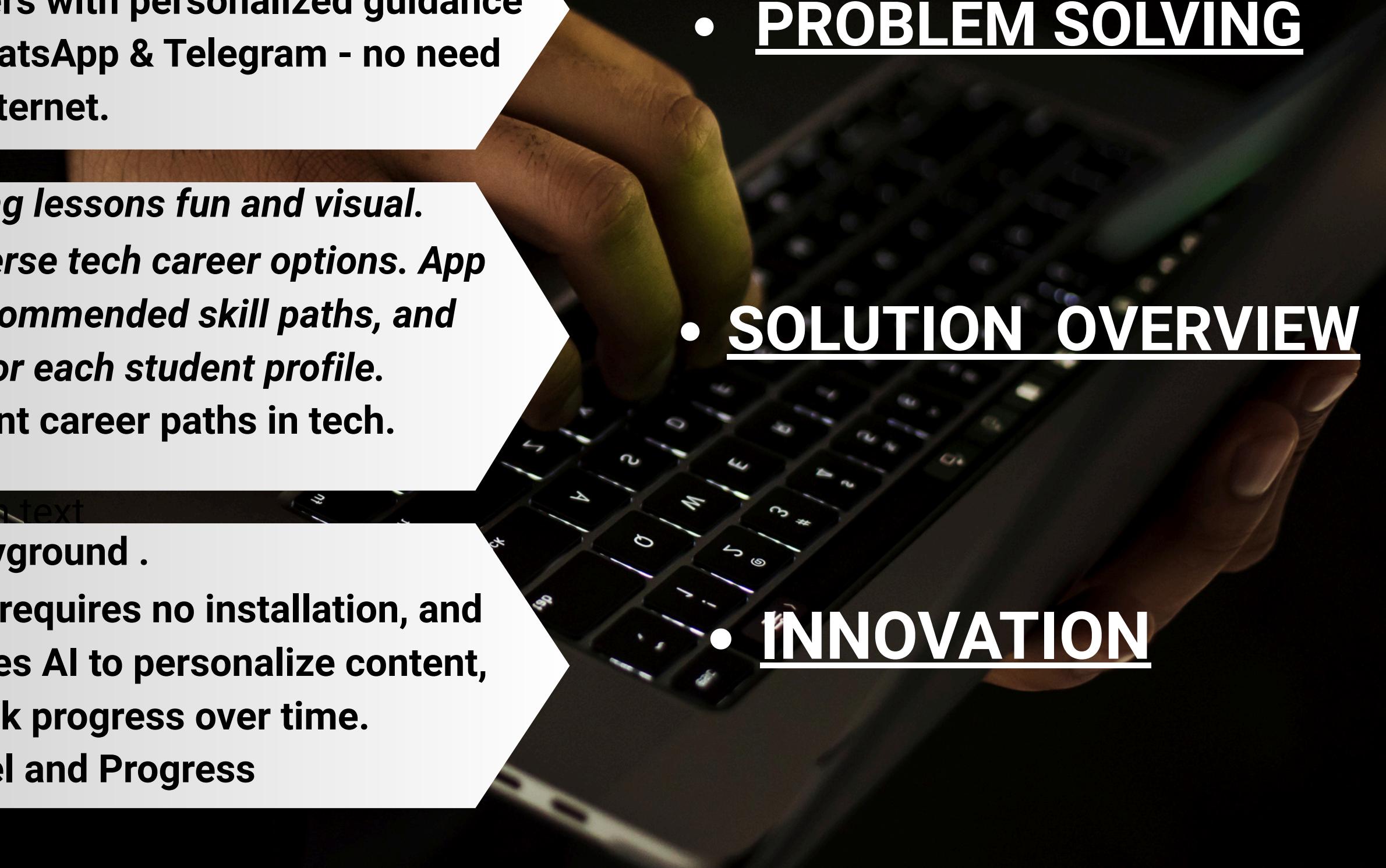
## AI-Powered Personalized Learning

- Teachers coding basics using Augmented Reality{AR} and for 3D simulations.
- Help Students explore tech careers with personalized guidance
- Offers bite-sized lessons via WhatsApp & Telegram - no need for fast Internet.
- Makes Boring text-heavy coding lessons fun and visual.
- Many students are unaware of diverse tech career options. App gives personalized guidance, recommended skill paths, and curated learning resources for each student profile.
- Introduce students to different career paths in tech.
- Turns real spaces into a coding playground .
- This leverages familiar platforms, requires no installation, and supports multiple languages. It uses AI to personalize content, recommend topics, and track progress over time.
- Adapts to student level and Progress

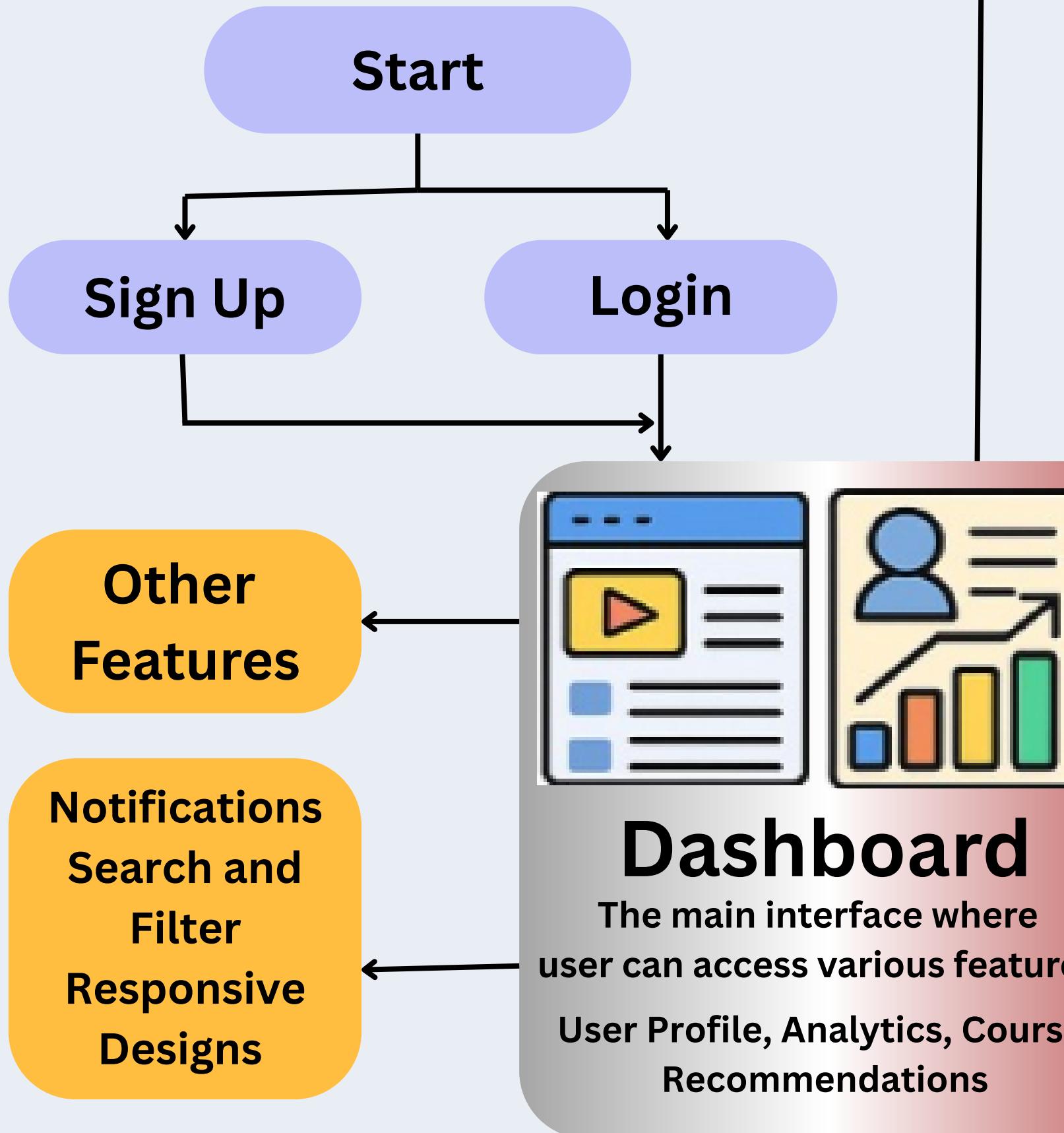
### • PROBLEM SOLVING

### • SOLUTION OVERVIEW

### • INNOVATION



# Technical Approach & Tech Stack



## TECH STACK

A list of available courses for the user to browse and enroll in

### Project Submissions

System for submitting projects as part of course requirements

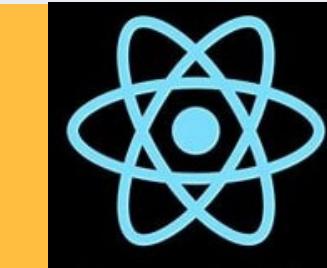
### Skill validation System

System to validate user skills through assessments

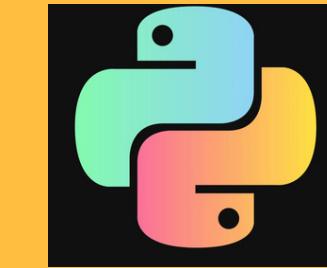
### AI Tutor Interface

Interactive AI tutor to assist with learning

## TECH STACK



- Frontend : React.js



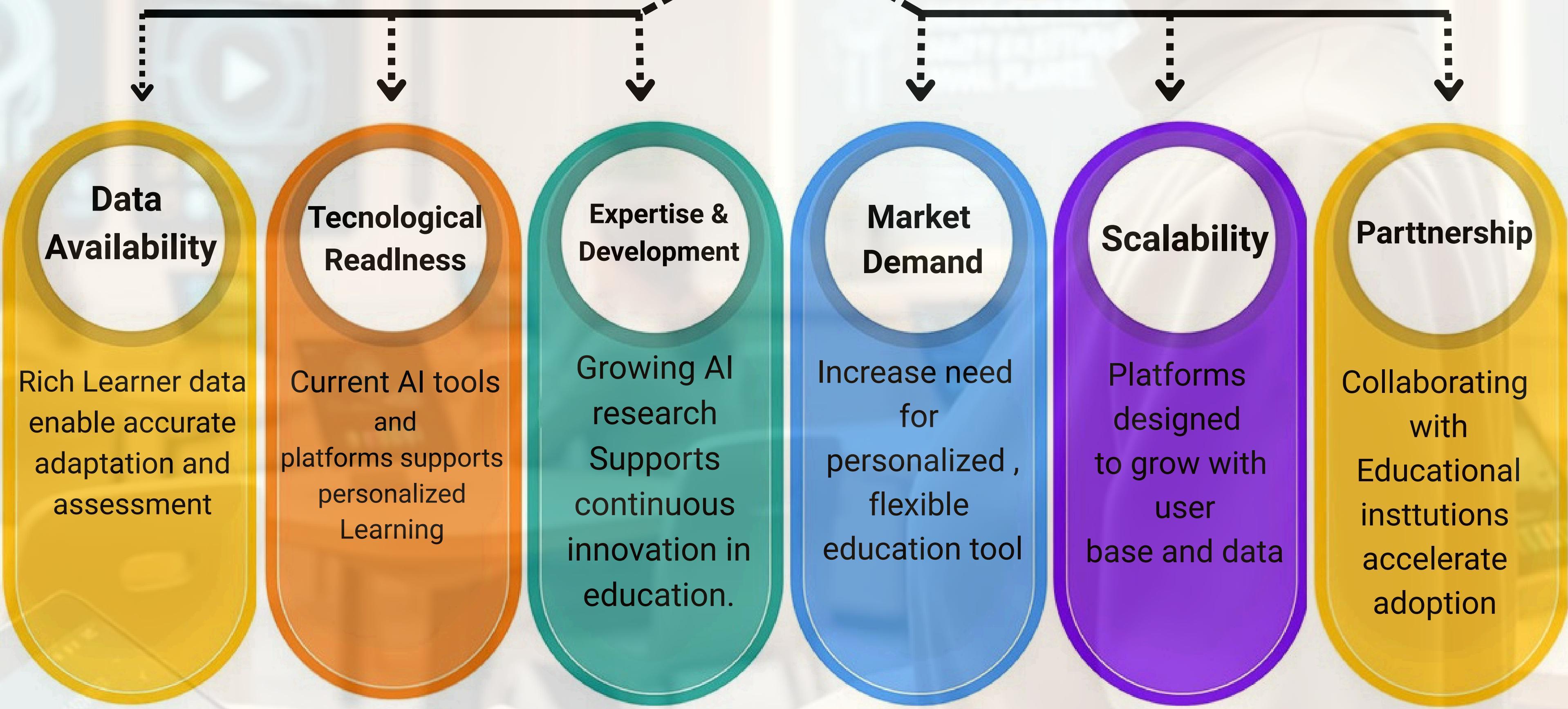
- Backend : node.js

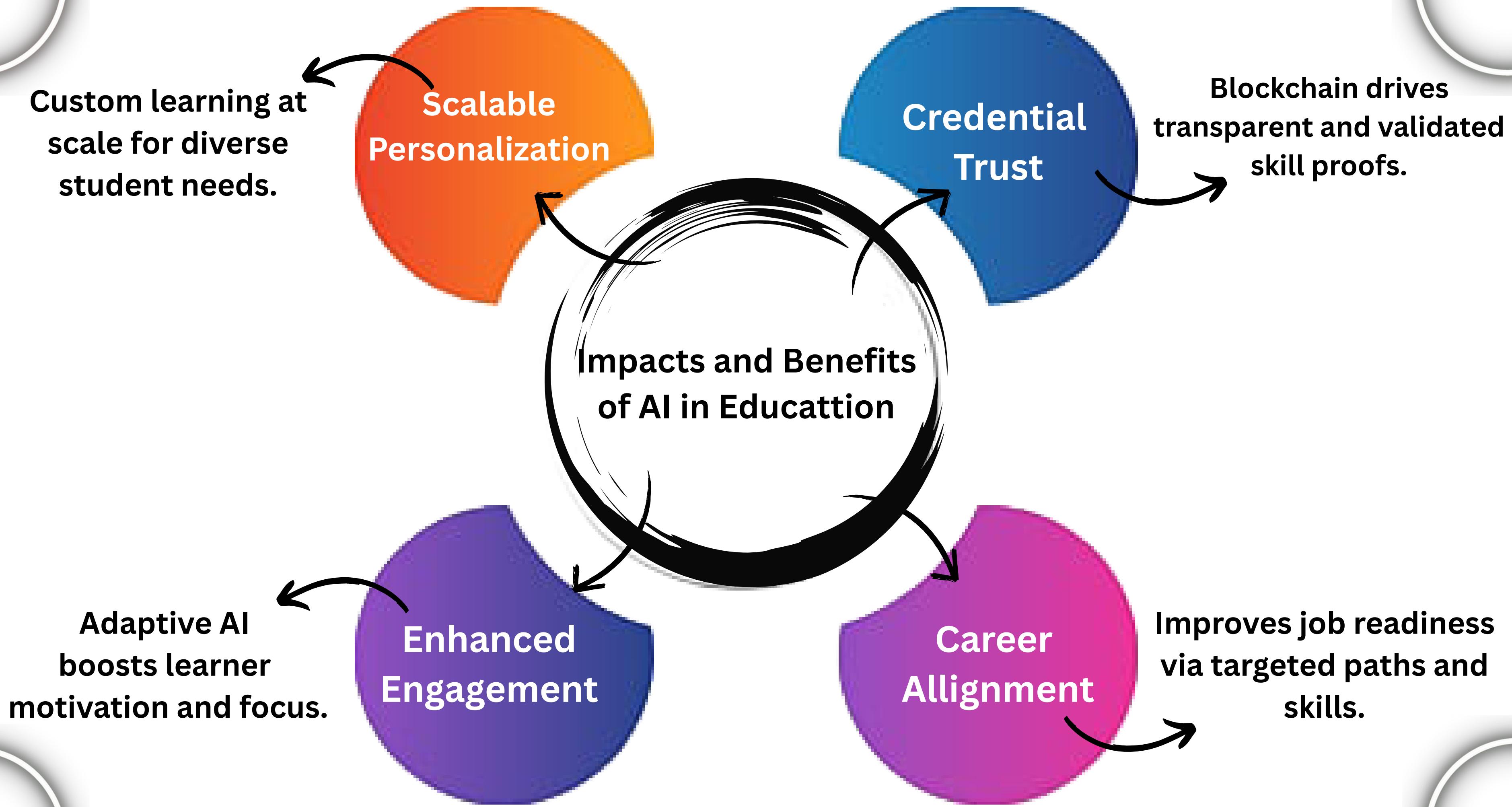


- Database : Mongo



# FEASIBILITY & VIABILITY







# Teaching and Learning Before Technology

- Learning was strictly through individual-based courses
- Learning limited to school hours and physical presence
- Doubts only solved during class or in-person interactions
- No Digital Records of Student Progress
- Delayed Feedback
- Passive Learning



# Teaching and Learning With Technology

- Virtual classroom & collaboration tools for remote teamwork
- Anytime, anywhere learning
- Differentiated instruction
- Real-Time Feedback and performance tracking
- Enhanced Engagement
- Cost-Effective Education

# REFERENCES SLIDE



01

AI IN  
**RECRUITMENT**

02

AUTOMATED  
**ASSESSMENTS**

03

AI-POWERED  
**CAREER  
GUIDANCE**

04

MICROLEARNING  
VIA  
**CHATBOTS**