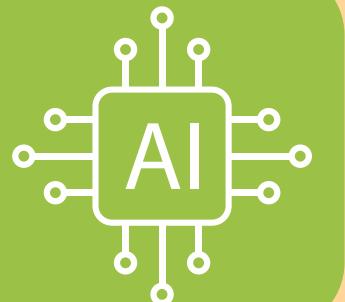


YuvaMarg

**One-Stop Personalized Career
& Education Advisor**



PROBLEM STATEMENT ID - 25094
THEME - SMART EDUCATION
PS CATEGORY - SOFTWARE
TEAM ID - 751
TEAM NAME - TEAM_NAME_FINAL_V2

**The Path To
Your Potential**

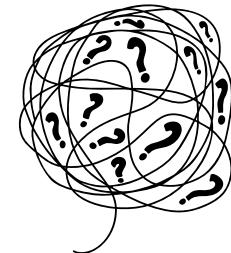


Unlock the right career



THE CAREER GUIDANCE GAP: A NATIONAL CHALLENGE

Mass Confusion



After Class 10 and 12, a majority of students face overwhelming confusion about which stream (Arts, Science, Commerce) to choose and what career paths they lead to.

Also, more than 93% of schools in India do not have a professional counsellor on board.

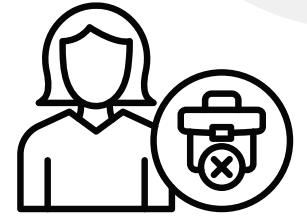
Lack of Awareness



There is a critical information gap regarding the value of graduation, the variety of degree courses available, and their specific career outcomes.

In J&K, limited guidance and confusion about courses and careers keep the enrolment rate in higher education at just 25%, leading to declining college admissions

Underutilization of Govt. Colleges



Despite good infrastructure, government degree colleges see declining enrollment.

In J&K despite over 50,000 students appearing in secondary board exams; only 13,000 actually join government colleges.

This leads to poor academic decisions, high dropout rates, and a shift towards private institutions that often over-promise and under-deliver, trapping students in debt with limited prospects.

Dashboard

A one-stop view of progress, profile, career paths, and key actions.

OUR SOLUTIONS

My Profile

A centralized hub for your academic information, assessment results, and career goals.

Self Discovery

Scientifically validated assessments to identify interests, personality, and aptitudes for accurate career matches.

Skill Hub

Personalized courses to bridge skill gaps and build career-relevant expertise.

Opportunities

Find and apply for scholarships, grants, and upcoming exams in one place.

Career Hub

Explore a wide range of careers with details on salary, growth, and job descriptions.

Scholarship & Financial Aid

An intelligent planner that creates a personalized roadmap for your academic journey, from subjects and exams to recommended colleges.

Mentorship

Connect with experienced professionals who can guide you on your career path.



TECH STACK

01 AI/ML Model

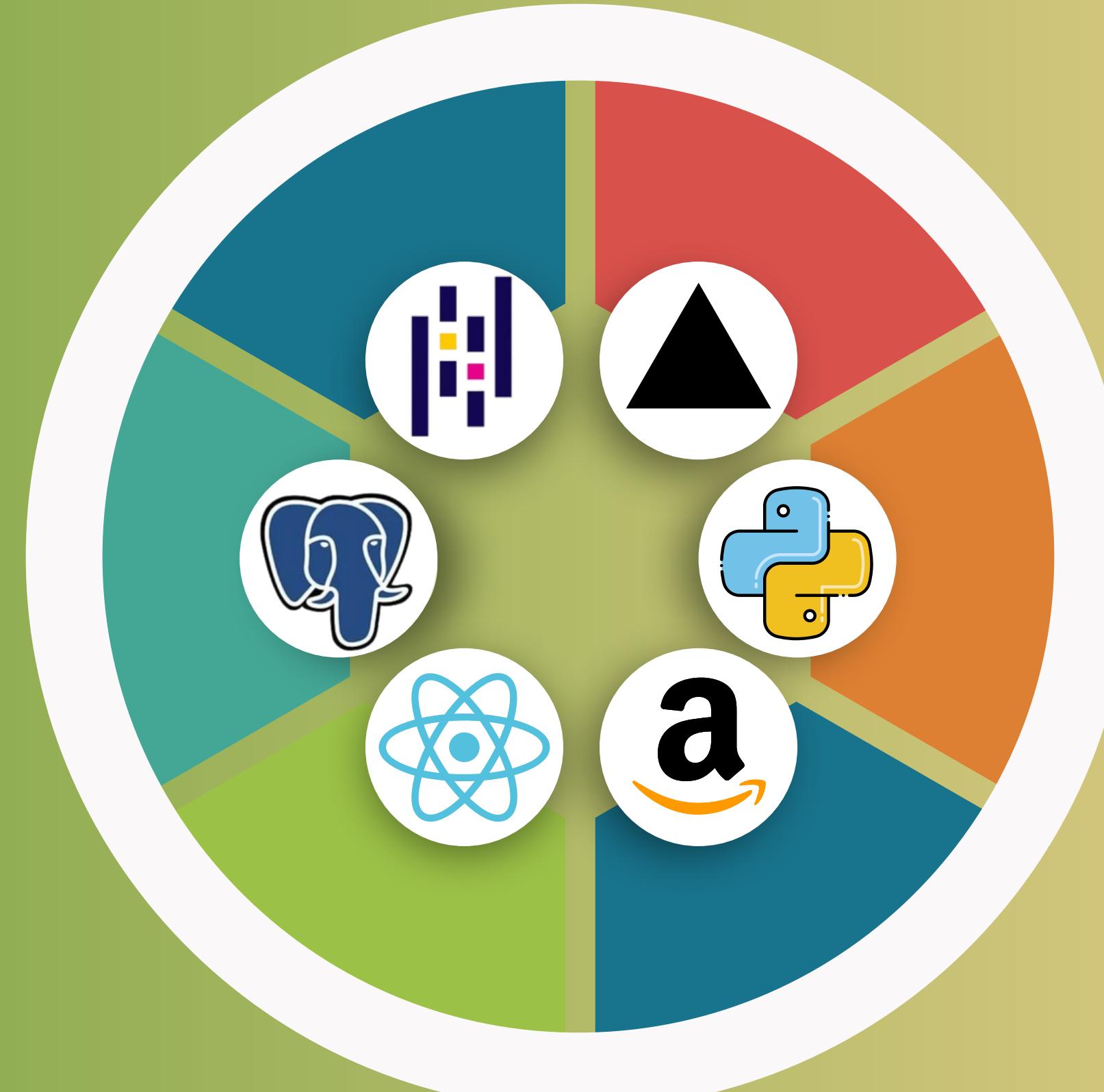
Scikit-learn & Pandas: For implementing the core assessment logic and recommendation algorithms.

02 Database

PostgreSQL: A reliable and scalable relational database for managing user data, careers, and college information.

03 Frontend

React.js For building a fast, responsive, and interactive user interface



04 Frontend Hosting

Vercel for Fast & Reliable deployment for react apps

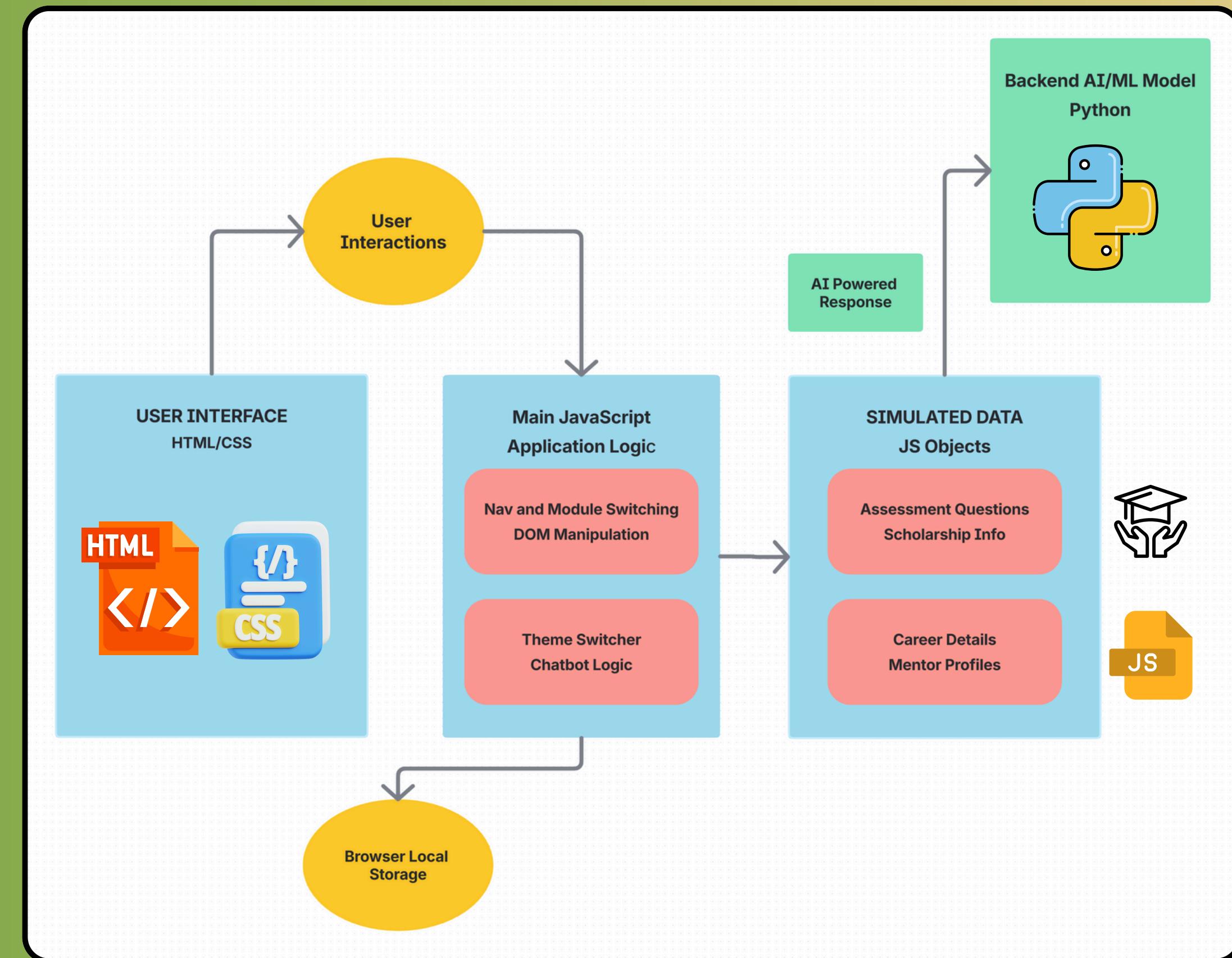
05 Framework (backend)

Python (Flask): The ideal choice for its powerful AI and Machine Learning libraries (Scikit-learn, Pandas) to power our recommendation engine.

06 Deployment

AWS for scalable hosting & storage

END TO END FLOW



FEASIBILITY, DIFFERENTIATORS & IMPACT

Feasibility



- Data Sourcing: We use public government data from AISHE, NIRF, and the NCS portal.
- Scalability: Our cloud-based tech is cost-effective and can scale nationally from a pilot program.
- Phased Rollout: We'll pilot in 2-3 districts to get feedback before a full state-by-state launch.

Differentiators



- Human-Centric Mentorship: We connect students directly with professionals for personalized guidance.
- Rural Focus: We specifically help underserved rural youth by closing the information gap and using multiple local languages.
- AI-Powered Recommendations: We use a strong AIML Model to suggest personalized career paths based on interests and strong subjects

Impact



- Boost College Enrollment: Make info on government colleges more accessible.
- Reduce Dropout Rates: Provide clear goals and a roadmap for students.
- Empower Rural Youth: Bridge the information gap with urban students.
- Strengthen the Workforce: Guide students to fulfilling careers.

Thank You