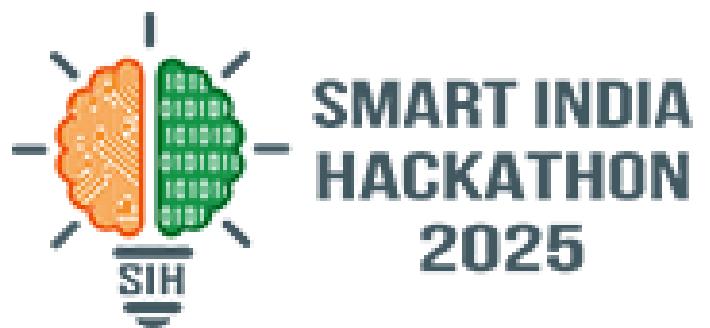


# SMART INDIA HACKATHON 2025



## TITLE PAGE

- PROBLEM STATEMENT ID : **SIH25094**
- PROBLEM STATEMENT TITLE : **ONE-STOP PERSONALIZED CAREER & EDUCATION ADVISOR**
- THEME : **SMART EDUCATION**
- PS CATEGORY : **SOFTWARE**
- TEAM ID :
- TEAM NAME : **INNOVATION IGNITION**



## Our Solution



**Web-based Career Advisor Platform for students**



Self-assessment quiz (aptitude + personality)



Personalized recommendations - streams, courses, local govt. colleges



Visual career roadmap: school → college → job/ higher studies



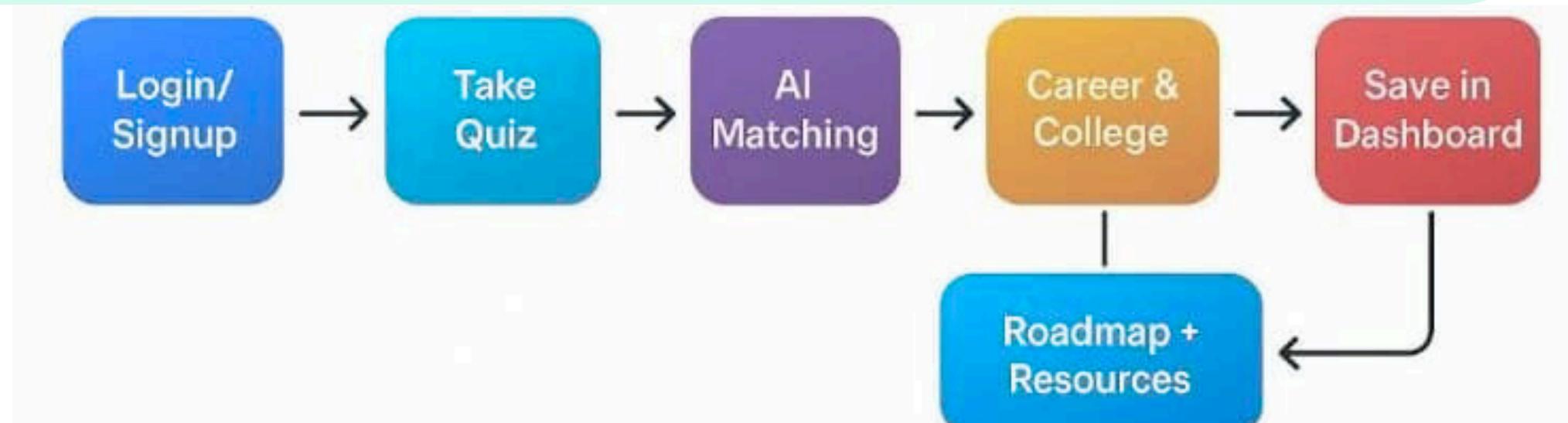
Resources hub - exam alerts, comparisons, outcome insights

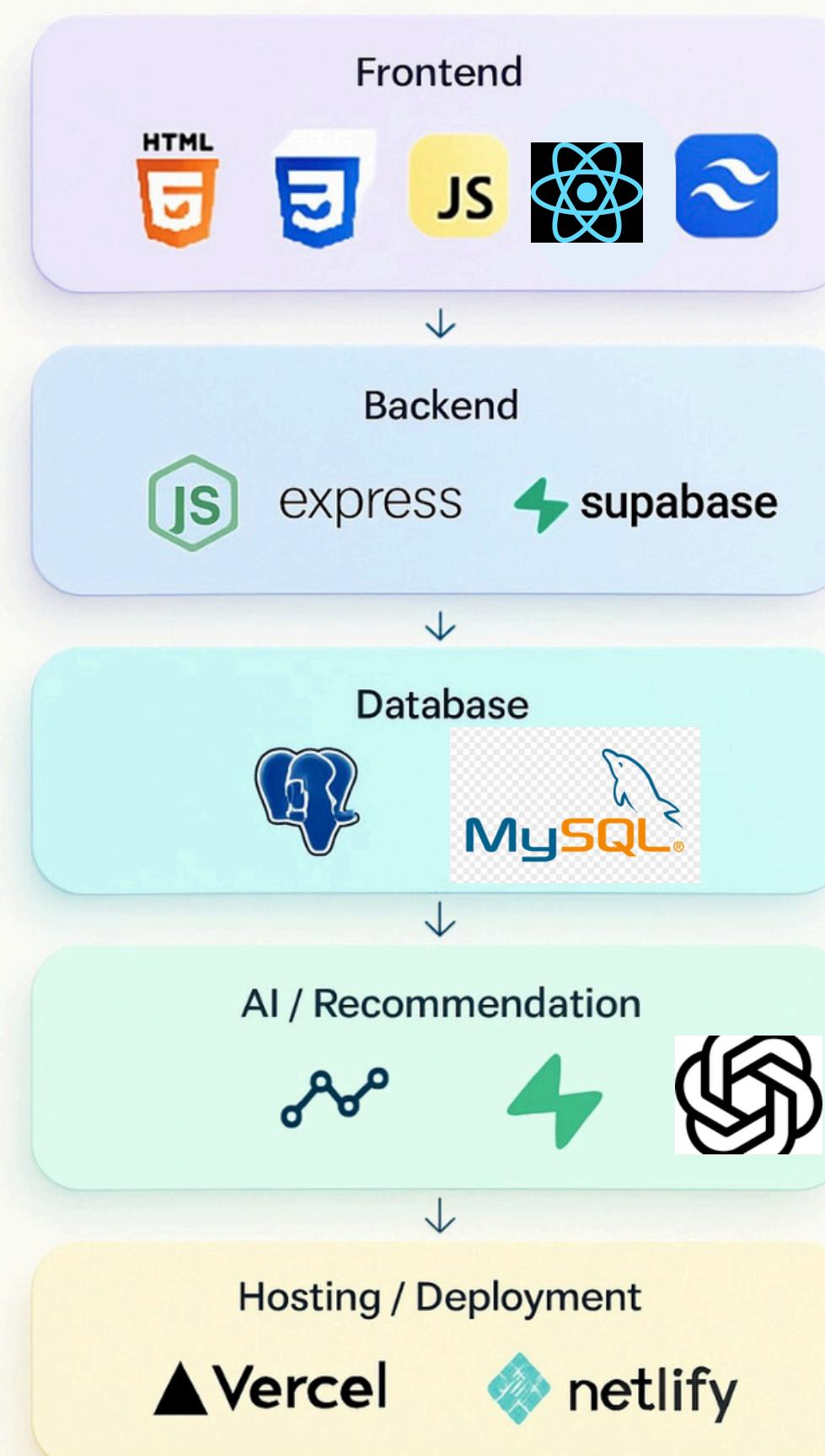
### SOLVES PROBLEM:-

- Makes students aware about the importance of graduation
- Removes confusion about which stream to opt for
- Promotes opportunities in local govt. colleges
- Provides clear career outcome data to reduce dropouts
- Makes parents part of decision-making with simple guidance

### INNOVATION & UNIQUENESS:-

- One-stop platform – counseling + roadmap + resources
- AI-driven recommendation engine (customization)
- Localized focus – promotes nearby govt. degree colleges
- Visual roadmaps for easy understanding
- Scalable – can expand to app, multi-language, govt. integration
- AI assistant chatbox for continuous student/parent support





# TECHNICAL APPROACH

## METHODOLOGY & PROCESS FOR IMPLEMENTATION

### Phase 1 – Prototype (MVP):

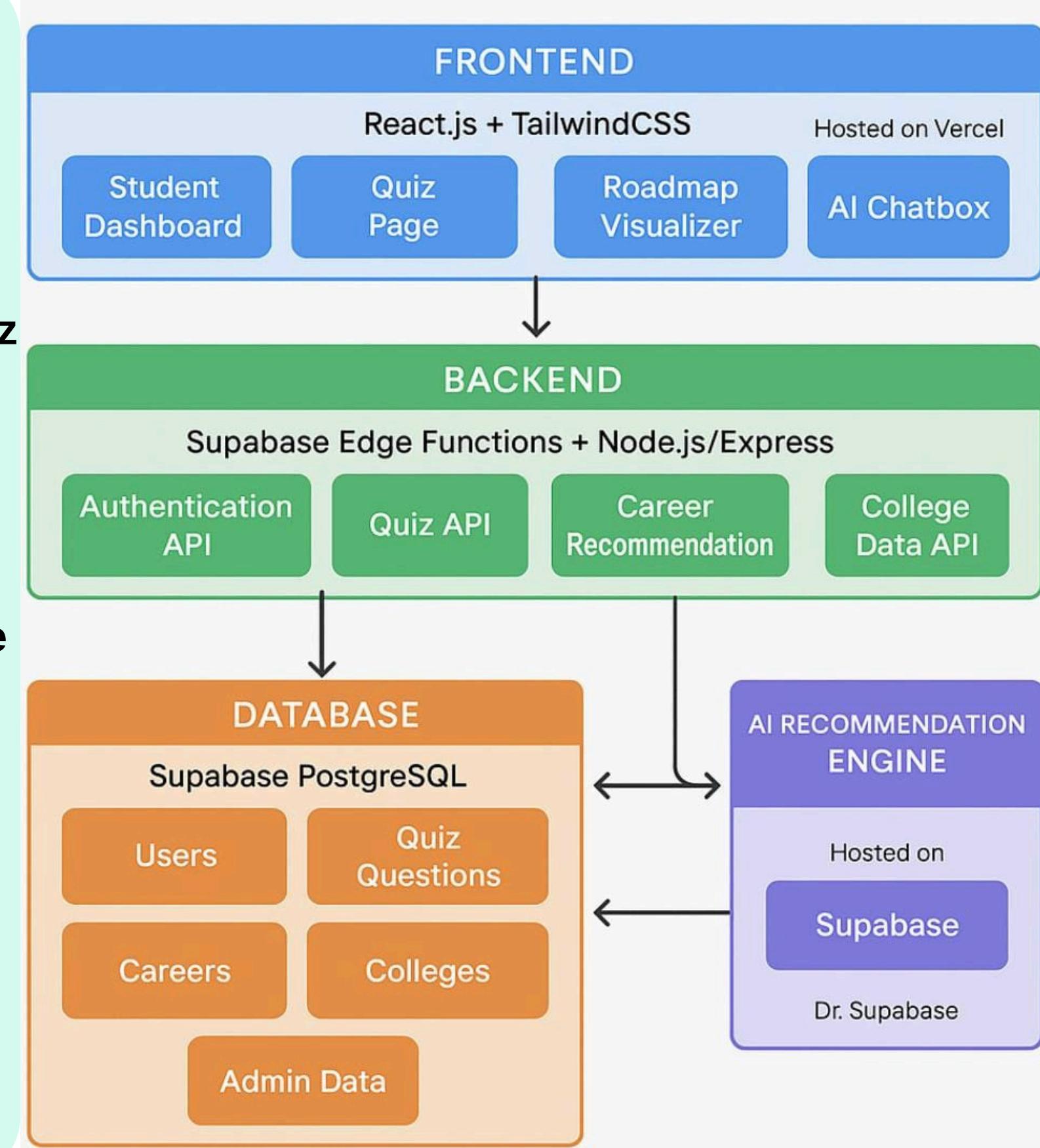
- User signs up (email/social login)
- Takes aptitude & personality quiz
- Gets career/college recommendations
- Saves results in dashboard

### Phase 2 – Expansion:

- Course-to-career path mapping
- Entrance exam alerts & resource hub
- AI assistant integration

### Phase 3 – Scaling:

- Multi-language support (Hindi/regional)
- Partnership with govt. colleges, NGOs, counsellors etc.
- Partnering with EdTech developers and Mobile app release.



# FEASIBILITY AND VIABILITY

## Technical Feasibility

- Scalable cloud infrastructure → easy to expand for more users
- AI APIs readily available for recommendations & chatbot

## Operational Feasibility

- Self-service platform → minimal manpower needed
- Students & parents already familiar with using websites → low adoption barrier

## Economic Feasibility

- Sustainable with government/CSR partnerships in future

## Challenges We Anticipate:

- Building trust in AI recommendations
- Keeping career data updated
- Handling peak student traffic during admissions
- Facing competition from private apps

## Our Smart Strategies:

- Admin validation + feedback → ensure accuracy
- “Why this career?” transparency → build trust
- Supabase scaling + modular design → future-ready
- Govt. + board partnerships → verified updates



# IMPACT AND BENEFITS

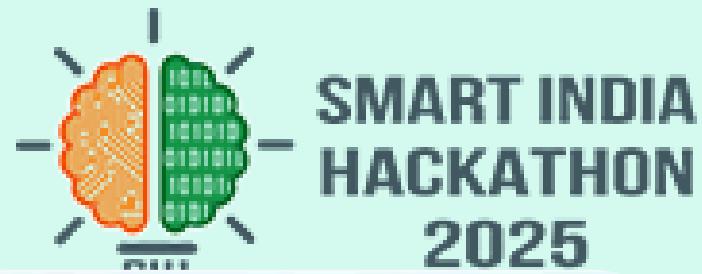
## IMPACTS

- **Empowering Students in J&K especially from rural and underserved areas**, access career guidance that was previously unavailable.
- **Reduces dependency on private costly coaching/consultancy services.**
- Many students are unaware of streams, government colleges, or scholarships but **MargDarshani provides structured, reliable, and localized information.**
- Students can use aptitude, interest, and Ikigai quizzes to align their education with personal strengths that **promotes informed stream and career selection.**
- **English–Kashmiri language toggle ensures accessibility for students from different backgrounds.**
- **Complements the J&K Government's Higher Education Department's mission** by digitizing admission timelines, college databases, and scholarship details.

## BENEFITS

- **Personalized Career Guidance** : Suggests best-fit courses, streams, and colleges based on quizzes & aptitude tests & Ikigai. Reduces confusion among students during career choices.
- **Centralized Education Hub** : One-stop portal for college details, eligibility, admission dates, and scholarships. Students no longer need to browse multiple unreliable sources.
- **Visual Insights** : Graphs and charts make career recommendations more understandable and engaging.
- **Transparency & Accountability** : Admin panel ensures only verified college data is added/updated.
- **Future Readiness** : By integrating career planning tools (like Ikigai), GyanPath prepares students not just for degrees but for meaningful careers.
- **Scalability** : Though focused on J&K initially, the model can expand to other states in India.

# RESEARCH AND REFERENCES



## RESOURCES FOR QUIZ

<https://www.princetonreview.com/quiz/career-quiz>

<https://www.truity.com/test/career-personality-profiler-test>

<https://www.coursera.org/resources/career-quiz>

<https://www.theforge.com/blog/basics/personality-career-quiz> <https://www.careerizma.com/apps/career-aptitude-test/>

## RESOURCES FOR IDEA

<https://blogs.psico-smart.com/blog-what-are-the-psychological-implications-of-using-aptitude-tests-for-career-184835>

<https://www.byteplus.com/en/topic/418141?title=navigating-your-career-path-how-careers-quizzes-can-transform-your-professional-journey>

Your para <https://www.jkhighereducation.nic.in/colleges.htmlgraph> text

The screenshot shows a career planning application interface. At the top, it greets the user with "Hello Sarah Johnson!" and encourages exploring their career journey together. It displays statistics: 2 Quizzes Completed, 8 Careers Explored, and 3 Roadmaps Saved. Below this is a "Quick Actions" section with buttons for "Take Quick Assessment", "Ask AI Assistant", and "Explore Careers". The main area is titled "Your Dashboard" and includes several cards: "Take Career Quiz" (New), "Career Recommendations" (View AI-powered career suggestions tailored to your skills and interests), "Saved Roadmaps" (Access your saved career paths and educational roadmaps for future reference), "AI Career Assistant" (Chat with our AI assistant for personalized career guidance and advice, marked as Beta), "Exam Alerts" (Stay updated with upcoming entrance exams and important deadlines), and "Progress Tracker" (Monitor your career development journey and achievement milestones). A "Recent Activity" section at the bottom lists completed tasks: "Completed Personality Assessment" (2 days ago), "Saved Software Engineer Roadmap" (1 week ago), and "Viewed Data Science Career Path" (2 weeks ago).