

AI SAARTHI

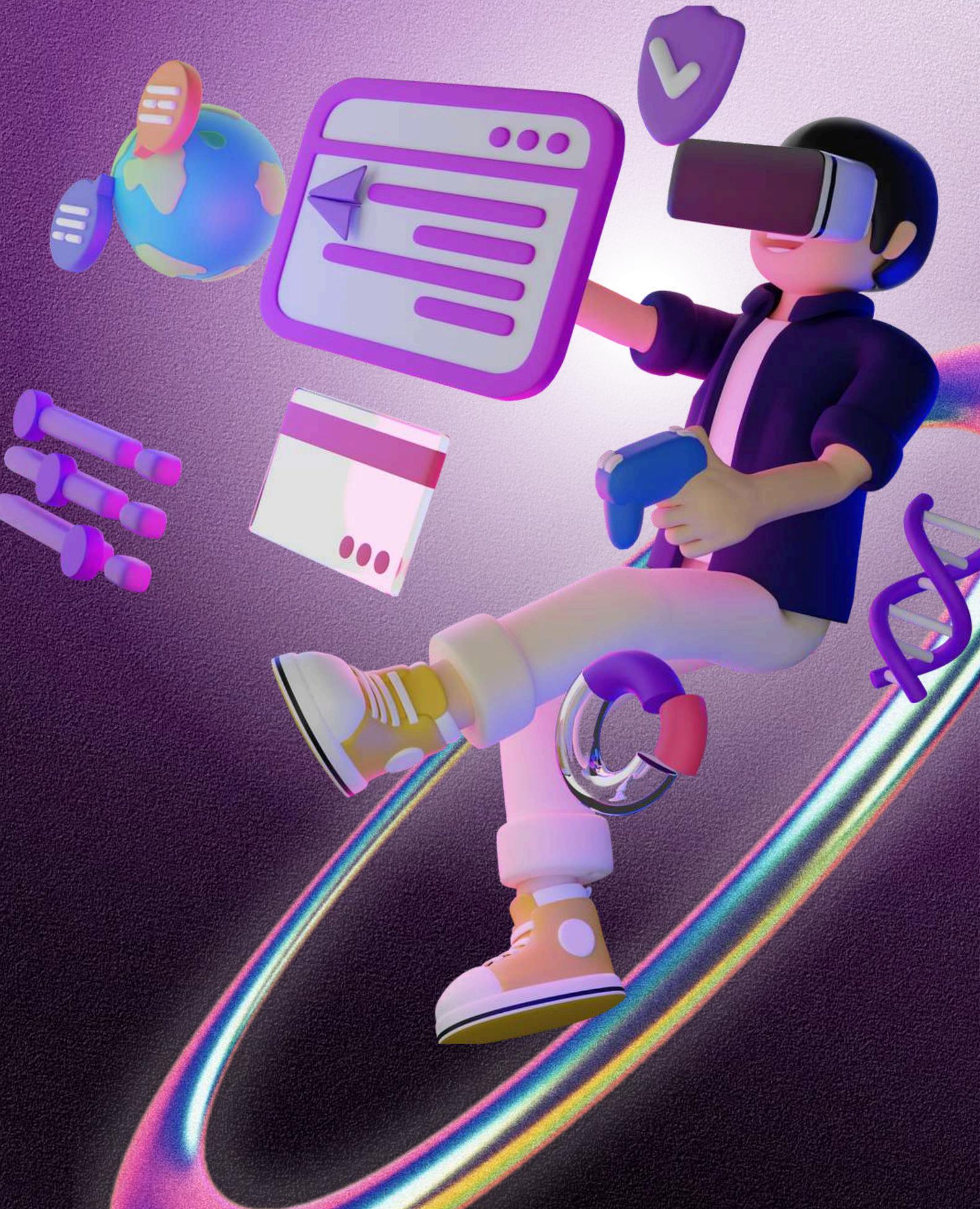
A Unified Skill, Career and
Opportunity Navigator for
Rural Youth

Team: AI Saarthi - Rajasthan

Participant: Dev Raj Saini

Hack for Social Cause – VBYLD 2026

IIT Jodhpur, IIT Bombay, MY Bharat



THE PROBLEM

Rural students make career decisions without clarity.

- No counsellors in most government schools
- Students choose careers based on guesswork
- No single platform for schemes, scholarships or opportunities
- Existing guidance is text-heavy and urban-focused
- Girls face additional mobility and exposure barriers

India does not lack potential. It lacks clarity.

For rural students, one wrong decision can cost an entire lifetime.

WHY THIS MATTERS

- India has the world's largest youth population
- A majority of rural youth finish school without skill awareness
- Opportunity information is scattered across multiple portals
- Teachers are overburdened
- Families have limited exposure

A simple, visual, accessible solution can transform outcomes.

WHAT IS AI SAARTHI

AI Saarthi is a mobile-friendly, AI-supported platform for:

- Skill and interest mapping
- Career pathway guidance
- Government schemes integration
- Scholarship discovery
- District opportunity access
- Roadmaps for 30-90-365 days
- Live expert guidance

Designed for low data, local language, rural-first use.

THE 4 POWERFUL FEATURES

1. Live Expert Guidance

Short sessions with Skill India trainers, ITI instructors, counsellors.

2. Government Schemes Integration

PMKVY, NCS, NSDC, Apprenticeships, MSME programs, state schemes.

3. Scholarship Finder

Scholarships mapped by class, income, gender, caste, merit.

4. District Opportunity Map

ITI seats, MSME openings, apprenticeships, training centres, local jobs.

This makes AI Saarthi the first unified opportunity navigator for rural youth.

HOW IT WORKS

Step 1. 3-minute Skill & Interest Mapping

Simple visual questions → strengths identified.

Step 2 – Career Match Engine (AI-supported)

Aligned career clusters suggested.

Step 3 – Unified Opportunity Hub

Schemes, scholarships, district jobs shown together.

Step 4 – Personalized Roadmap

Clear 30–90–365 day plan.

Step 5 – Live Guidance

Optional mentoring session.

How Expert Guidance Works

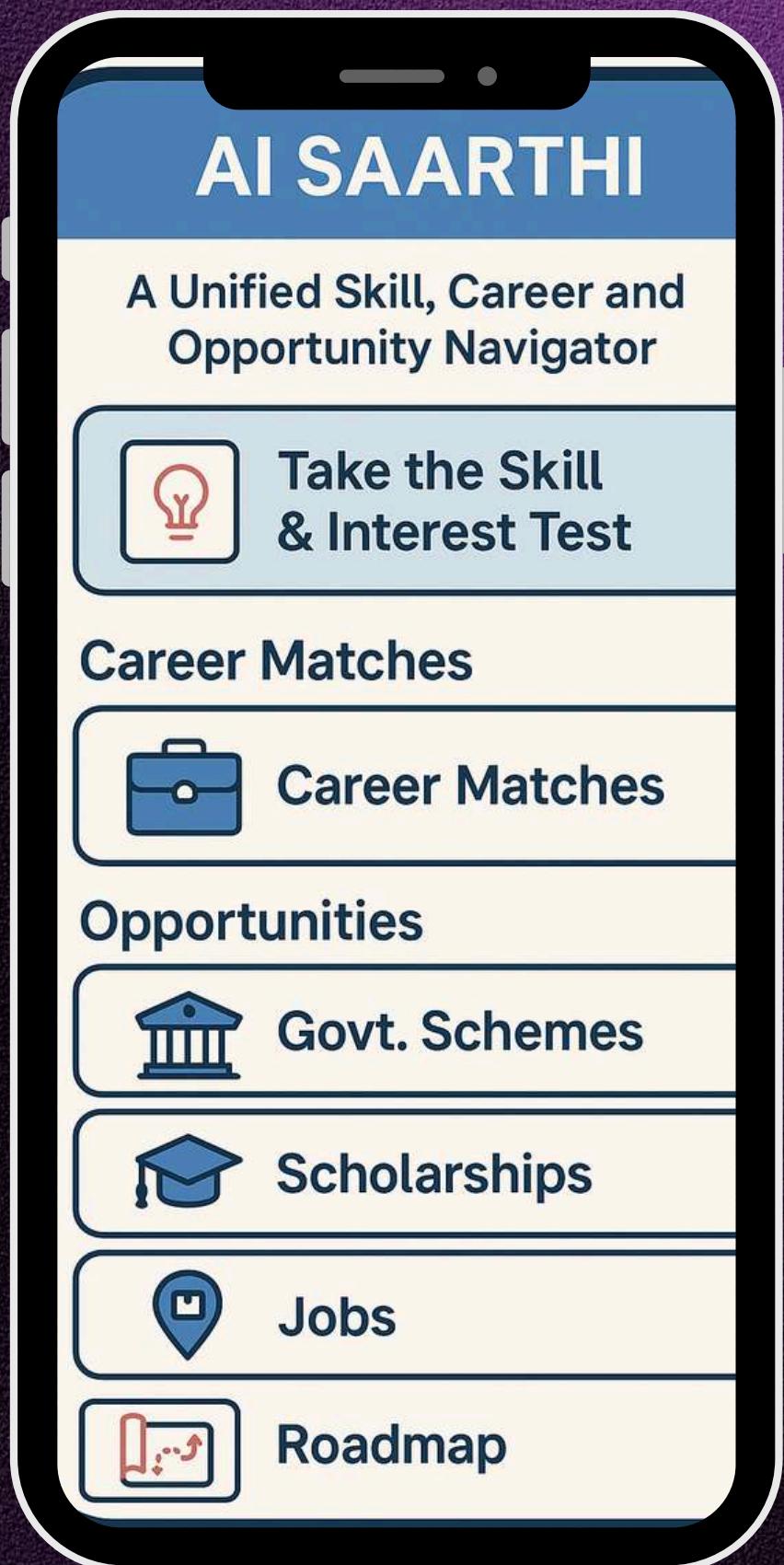
Users book a 10 or 30 minute slot.

They can join from home by voice or video call.

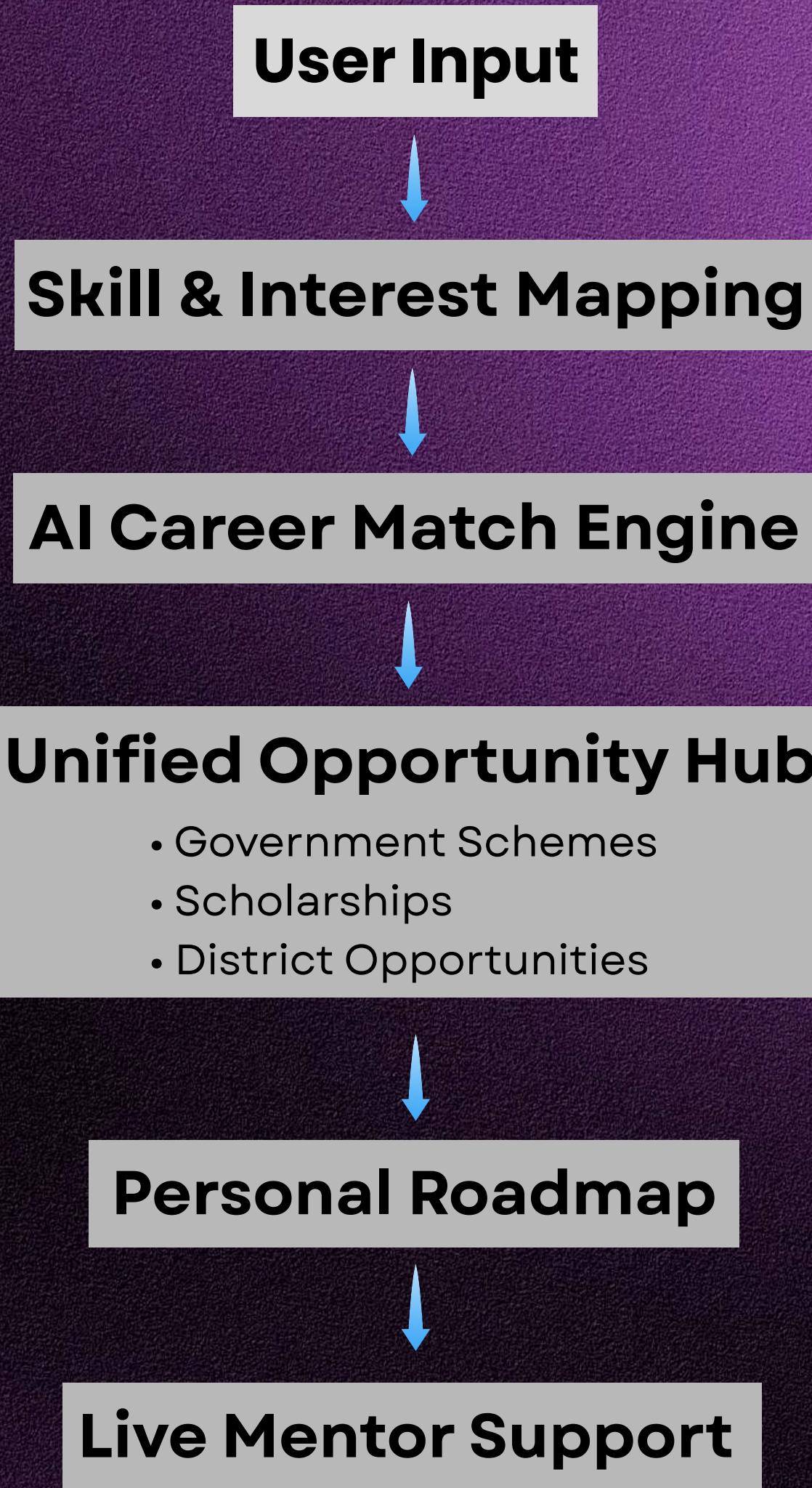
Mentors will be provided by district employment offices
ITIs or partner NGOs.

This removes the need for new infrastructure.

PROTOTYPE SCREENS



Architecture Diagram



Simple, modular
architecture designed
for low-data rural
deployment

SDG Alignment

AI Saarthi supports

SDG 4 Quality Education

SDG 8 Decent Work

SDG 5 Gender Equality and

SDG 10 Reduced Inequalities.

PROJECTED IMPACT (Pilot Phase)

- 1,00,000 rural youth guided in year one
- 20,000 students find relevant scholarships
- 40% increase in skill-training enrolment
- 10,000 rural girls gain confidence
- 5,000 apprenticeships filled
- Strong alignment with NEP 2020 & Viksit Bharat 2047

AI Saarthi builds confidence, clarity and opportunity.
Figures are indicative estimates based on pilot-scale implementation.

WHY AI SAARTHI SHOULD WIN

- Solves a real Bharat problem
- Simple, scalable and low-cost
- Unifies schemes, scholarships and jobs
- Designed for India's rural ecosystem
- Immediate implementability in schools
- Strong relevance to Skill India & Viksit Bharat vision

AI Saarthi gives clarity at the right age and clarity creates confident citizens.

WHY AI SAARTHI SHOULD WIN

- Solves a real Bharat problem
- Simple, scalable and low-cost
- Unifies schemes, scholarships and jobs
- Designed for India's rural ecosystem
- Immediate implementability in schools
- Strong relevance to Skill India & Viksit Bharat vision

AI Saarthi gives clarity at the right age and clarity creates confident citizens.

THANK YOU

Presented by: Dev Raj Saini

Team Name: AI Saarthi – Rajasthan

State: Rajasthan