

UdaanSetu.ai

AI Career Mentor for Rural Youth

Team FutureMinds is proud to present **UdaanSetu.ai**, an innovative AI-powered career mentor designed to empower rural youth. It addresses critical gaps in career guidance, leveraging cutting-edge AI to foster social impact and educational equity.

Project Identity

Project Title: UdaanSetu.ai

Tagline: AI Career Mentor for Rural Youth

Team Name: FutureMinds

Team Leader: Dhruv Patel

Team Members: Prajwal Yadav, Vasu Patil, Kalyani Sanja khan

Event: Hackathon Screening Round – ATMIIYA AI SUMMIT 2026



AI
IMPACT
SUMMIT
भारत 2026 INDIA





Problem Statement:

Bridging the Career Guidance Gap

Rural youth often face significant hurdles in navigating their career paths post-school, leading to confusion and missed opportunities. Our analysis reveals several critical challenges.

Career Confusion

Post-school career paths are unclear for many rural students.

Limited Mentorship

Scarcity of mentors and career guidance resources.

Language & Exposure Barriers

Lack of exposure to diverse career options and language-specific guidance.

Ineffective Advice

Generic career advice fails to address unique rural contexts.

Left Behind

High dropout rates and early job seekers often receive no guidance.

Graduate Unemployment

Wrong career choices without guidance lead to skill mismatch and unemployment.

UdaanSetu.ai – Our Solution: An AI-Powered Digital Mentor



UdaanSetu.ai is meticulously designed to serve as a comprehensive AI career mentor for rural youth, offering personalized and culturally relevant guidance.



AI-Powered Mentor

Intelligent career guidance tailored for rural contexts.



Personalized Guidance

Tailored advice based on individual aspirations and aptitudes.



Psychology-Based Assessment

Utilizes robust psychological frameworks for deep understanding.



Multilingual Support

Available in **Gujarati and English** to overcome language barriers.



Realistic Career Roadmaps

Provides market-aligned, actionable pathways for various careers.



Digital Mentor

More than a chatbot, it's a supportive guide through career exploration.



Technology Stack for Scalable Impact

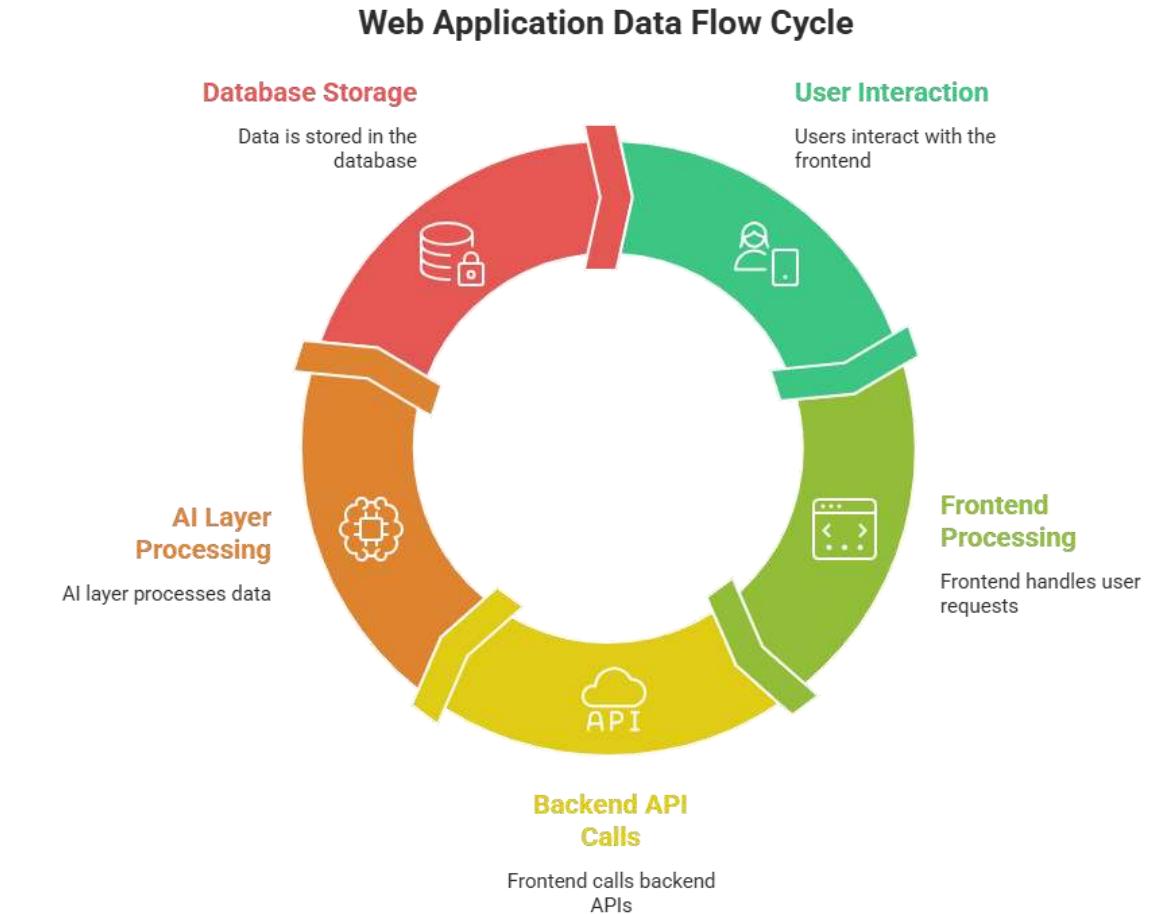
Our solution is built on a modern and efficient technology stack, ensuring reliability, scalability, and performance.

Programming & Frameworks

- **Frontend:** Next.js, Tailwind CSS, Vercel for a dynamic user interface.
- **Backend:** Python, Serverless APIs for powerful and flexible server-side logic.

AI & DataBase

- **AI:** LangChain for advanced language model integration, Google Gemini for intelligent processing.
- **Database:** Firestore for flexible NoSQL data, PostgreSQL with pgvector for efficient vector embeddings.



□ **Design Principle:** Logic first, AI later – ensuring a strong foundation before advanced AI implementation.

Innovation & Unique Value Proposition



UdaanSetu.ai stands apart through its commitment to deep personalization, ethical AI, and localized relevance.



Psychology-Driven Personalization

Deep understanding of individual aptitudes and interests.



RAG-Based Architecture

Ensures accurate, verified information for reliable guidance.



Local Language & Rural Focus

Culturally sensitive approach, addressing specific regional needs.



Explainable & Ethical AI

Transparent, fair, and low-cost AI for accessibility.



Competitive Advantage

Superior to generic platforms through specialized features.



Feasibility & Implementation Plan

Our phased approach ensures a systematic and effective deployment of UdaanSetu.ai, beginning with foundational user interaction and culminating in comprehensive AI-driven guidance.

01

Phase 1: User Login & Adaptive Assessment

Secure access and initial assessment to understand user profile.

02

Phase 2: Student Bio-Profile Creation

Detailed profile building based on assessment data.

03

Phase 3: Scoring & Judgment Logic

Intelligent algorithms to interpret profiles and suggest pathways.

04

Phase 4: RAG-Based Career Retrieval

Retrieval Augmented Generation to provide relevant career information.

05

Phase 5: AI Career Report & Mentor Chat

Comprehensive reports and interactive AI mentoring sessions.



Future Scope & Scalability

UdaanSetu.ai is designed with a vision for expansive growth and broad social impact, extending its reach and capabilities across various domains.



Multilingual Expansion

Integrate support for more Indian languages to serve a wider audience.



Government Program Integration

Seamlessly link with existing government skill development initiatives.



Regional Scalability

Expand services to rural and semi-urban areas nationwide.



Domain Adaptability

Apply the guidance model to other educational and personal development sectors.



National Vision

Contribute to reducing career confusion across the entire country.



Meet Team FutureMinds

Our dedicated team brings together diverse expertise to bring UdaanSetu.ai to life.

- **Dhruv Patel** – Team Leader & System Architecture
- **Prajwal Yadav** – Frontend & UI/UX
- **Vasu Patil** – Backend & AI Integration
- **Kalyani Sanjarkhan** – Research & Content

Thank You..

