

# GOPHORA

## AI-Powered Human Opportunity Platform

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GOPHORA is a next-generation platform that bridges humans and artificial intelligence to connect users with immediate, verified opportunities in work, learning, and hobbies — enabling personal and professional growth through meaningful experiences.

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### 1. Introduction

GOPHORA is designed to connect individuals with real-time, secure, and human-verified opportunities in work, hobbies, and education. By integrating AI-driven matching with verified data sources, the platform ensures trust and relevance while minimizing fraudulent listings. Unlike generic job or gig platforms, GOPHORA merges AI intelligence with human oversight for reliability.

### 2. System Overview

The system operates through a conversational AI interface where users describe their goals (e.g., 'I want to learn pottery' or 'I need a short-term web development gig'). The AI interprets the prompt, queries a curated and verified database, and presents safe, relevant opportunities. Administrators and verifiers maintain database integrity through human verification of listings.

### 3. Functional Requirements

- 1 AI-powered chat interface for opportunity discovery

- 2 User account creation and profile management
- 3 Opportunity provider registration and verification
- 4 Database of verified opportunities
- 5 Secure login and authentication system
- 6 Feedback and reporting system for users
- 7 Admin dashboard for data management

## 4. Non-Functional Requirements

- 1 High scalability using cloud-based infrastructure
- 2 Data security and user privacy protection
- 3 Fast response time (<2 seconds for AI queries)
- 4 Accessibility for all user types
- 5 System uptime of 99.9%
- 6 Seamless integration with AI APIs (e.g., OpenAI, Vertex AI)

## 5. System Architecture (Conceptual Flow)

1. User enters a natural language query in the AI chat. 2. AI interprets the intent and searches the verified opportunity database. 3. The backend (Node.js + Express + MongoDB) retrieves relevant opportunities. 4. The results are filtered for relevance and trust (human-verified tag). 5. The AI reformulates the response conversationally for the user. 6. User interacts, applies, or saves opportunities for later.

## 6. User Roles and Interactions

- 1 End User – Searches opportunities via chat, applies or saves them.
- 2 Provider – Registers and submits verified opportunities.
- 3 Verifier – Reviews and authenticates submitted opportunities.
- 4 Admin – Manages system, users, and verifications.

## 7. Technology Stack

Frontend: React.js (Vite + TailwindCSS) Backend: Node.js + Express.js Database: MongoDB AI Integration: OpenAI API (for prompt analysis and opportunity matching) Authentication: JWT + OAuth 2.0 Hosting: AWS / Google Cloud Version Control: GitHub

## 8. Future Enhancements

- 1 AI-based user growth tracker and mentorship recommendations
- 2 Integration with verified educational institutions and NGOs
- 3 Gamified learning paths and user reputation scoring
- 4 Mobile app version with offline sync
- 5 Advanced AI agents for long-term user skill development

## 9. Conclusion

GOPHORA combines artificial intelligence and human verification to create a safer, smarter ecosystem for connecting people with meaningful opportunities. The platform's

blend of trust, intelligence, and personalization positions it as a transformative bridge between human ambition and digital possibility.