Suvidha: Revolutionizing Online Shopping with AI

Welcome to Suvidha, your next-generation AI shopping assistant. We're reimagining the online shopping experience, making it more intuitive, trustworthy, and efficient for every user.

The Problem: Overwhelming Online Shopping

Too Many Choices

Vast product catalogs and endless advertisements lead to decision fatigue. Consumers struggle to filter through the noise.

Biased Information

Sponsored reviews and paid placements obscure genuine product feedback, eroding user trust in recommendations.

Wasted Time

Users spend excessive time comparing products, researching, and second-guessing purchases.

The core problem is a lack of trustworthy, context-aware shopping guidance that truly puts the user first.

The Solution: Suvidha

Unbiased Insights
Leveraging real Reddit opinions for authentic, community-driven product reviews and recommendations.

AI–Powered Assistant
An intelligent shopping companion that interprets your needs like a smart in-store helper.

Seamless Interaction
Supporting both chat and voice input for a natural and intuitive user experience.

Personalized Picks
Delivering product recommendations tailored specifically to individual preferences and past interactions.

"Suvidha" means "convenience" and "confidence," which are at the heart of our AI-powered shopping assistant.

Suvidha: Product Workflow Overview

User Input

Via text or voice (Groq Whisper STT)

UI Display

Streamlit tabs for chat, posts, products, preferences

Smart Caching

Local JSON avoids redundant API calls

LLM Agent Reasoning

Understands context; asks follow-ups

Reddit Search

SearchAPI + Reddit API for real data

Insight Extraction

LLaMA 3.3 70B interprets threads

Product Discovery

SERP API via Google Shopping

Key Technologies Driving Suvidha

Groq Whisper Large V3 Turbo

For rapid, real-time speech-to-text conversion, enabling fluid voice interactions.

LLaMA 3.3 70B versatile

Our versatile tool-calling agent with a 131k+ context window, crucial for deep contextual understanding.

SearchAPI.io & SERP API

Essential for fetching Reddit threads and real-time Google Shopping results.

Streamlit & Custom Caching

Powering rapid UI prototyping and efficient API use, avoiding rate limits.

Knowledge Graph & LangGraph

Extracting real-time preferences and orchestrating advanced agentic behavior.

Enhanced User Experience

Intuitive UI Highlights

- **Chat Tab:** Contextual, fluid conversations with the AI.
- **Products Tab:** Displays real-time buy links for discovered items.
- **Reddit Posts Tab:** Shows fetched reddit posts for references.
- **Preferences Tab:** Tracks evolving user profile and interests.

Suvidha offers a fast, contextual, and guided shopping experience through both voice and text input.

Business Value Proposition

1 — Scalability & Expansion

2 — Builds Trust

3 — Reduces Abandonment

Suvidha accelerates decision-making by providing credible, community-driven product insights. This directly translates to lower cart abandonment rates and increased user conversion. Furthermore, our platform is designed to scale across various business models, including affiliate marketing, personalized e-commerce, and even in-store AI bots, opening diverse revenue avenues.

Market Scope & Opportunity

$6.3T

Global E–commerce Market

Our direct addressable market for online shopping.

Peer Review Reliance

Growing consumer trend towards community-driven insights.

Voice–First Adoption

Rapid growth in AI-driven and conversational retail tools.

The market is ripe for intelligent shopping assistants. Suvidha is positioned to capture significant share by meeting the demand for trusted guidance, personalized experiences, and convenient interaction modes. Future expansion includes embedded agents in e-commerce apps and multi-domain smart assistants.

Diverse Revenue Streams
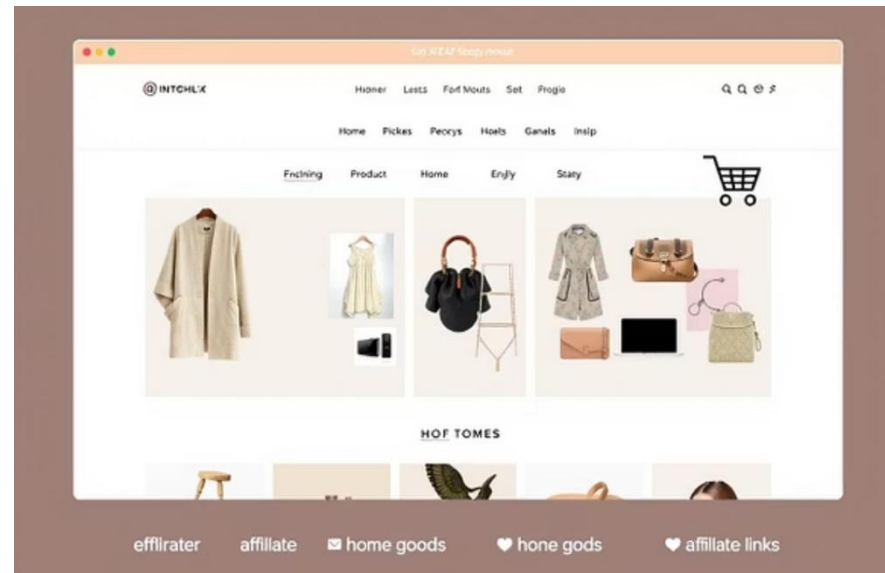
- **Affiliate Commissions:** Earn from successful purchases via Google Shopping links.

- **Premium API Usage:** Offer advanced features for enterprise-level shoppers.

- **White-Label Licensing:** License Suvidha's technology to e-commerce companies.

Competitive Landscape & Future Prospects

Google Shopping

Offers listings and filters but lacks personalization, agentic flow, and community-driven insights.
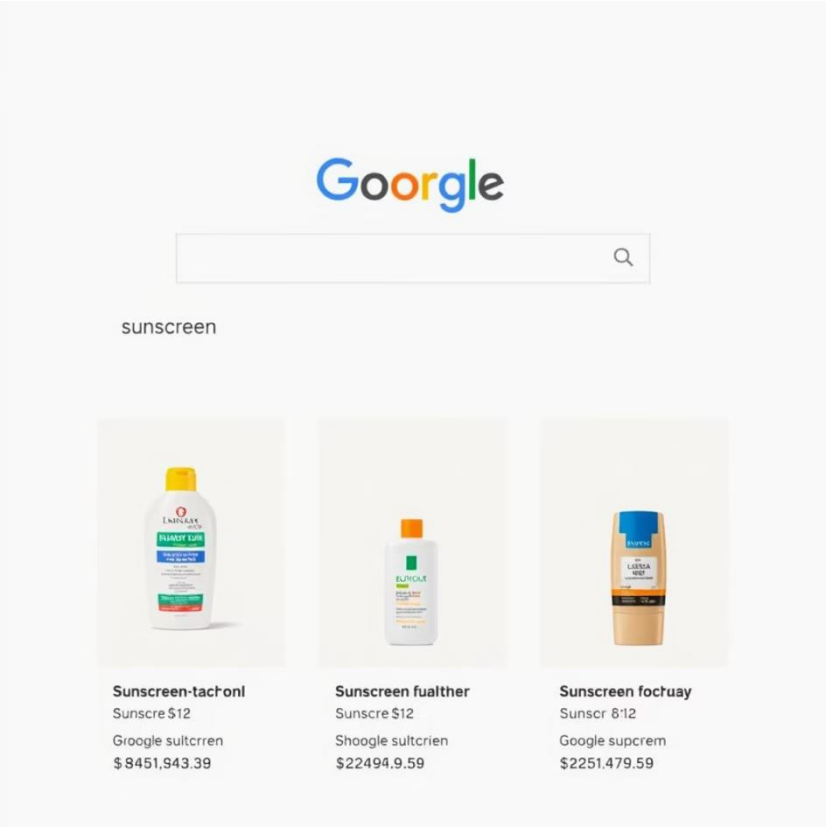
Amazon (Rufus)

Features an agentic flow but is limited to Amazon's ecosystem with no third-party insights.

Suvidha (Our App)

Combines agentic reasoning and Reddit insights for shopping with real-time preference tracking.

Future Scalability

We plan to integrate Amazon reviews and YouTube videos, add geolocation for local recommendations, and extend to travel booking and food ordering. Further UI/UX refinements and TTS voice output will enhance the full multimodal experience.

Suvidha: Real Advice. Real Fast.

AI-Powered Insights

Conversational agent with Reddit-powered community insights.

Optimized Performance

Groq & LLaMA supercharged for rapid responses.

Seamless Shopping

Guiding users from confusion to checkout in minutes.

Engage with Suvidha

🎯 Try it Live   ⭐ Star Our Repo

We'd love to connect to discuss agents, voice interfaces, or real-world AI apps:

- [Abhishek Varshney – LinkedIn](#), [Bargav Jagatha – LinkedIn](#), [Rohit Vemparala – LinkedIn](#)