ScamShield

AI-Powered Scam Detection for Everyone

670+
Participants

Gemini AI
Powered By

100%
Free & Open

Scams Are Destroying Lives

$1T+

Lost to scams globally in 2024

Source: Global Anti-Scam Alliance

📱 1 in 4 people received a scam message in the last 30 days

💀 Elderly & non-tech-savvy users are most vulnerable

🔗 Phishing links look identical to real bank/e-commerce sites

❓ No simple, free, instant tool exists to verify suspicious messages

ScamShield — Instant AI Analysis

Paste any suspicious message → Get an instant AI verdict with explanation and advice

🚨 SCAM

Red alert with red flags listed, phishing links flagged, OTP requests caught

⚠️📱 SUSPICIOUS

Amber warning with reasons explained, user advised to verify before acting

✅ SAFE

Green confirmation that message appears legitimate and trustworthy

Works on WhatsApp messages, SMS, emails, call scripts — any text

Built for Real Users, Not Just Demos

▢ Gemini AI Analysis

Google's Gemini 2.5 Flash analyzes message patterns, urgency language, suspicious URLs, and social engineering tactics

📊 Confidence Score

Visual progress bar showing 0–100% confidence with color-coded verdict (red/amber/green) for instant recognition

▶ Red Flag Breakdown

Each reason explained in plain English — not just 'this is a scam' but exactly WHY and what to look for
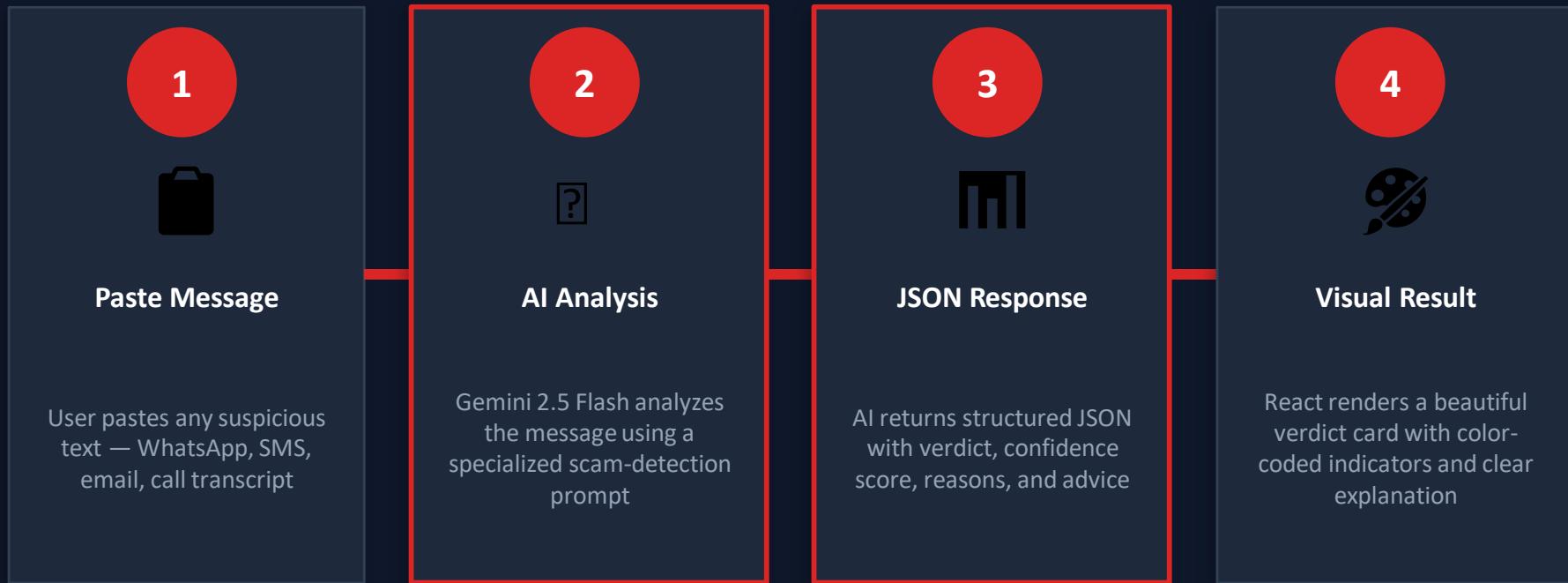
🌍 Community Scam Feed

Users report scams anonymously to a live feed, creating a crowdsourced database of real threats in real time

⚡ One-Click Examples

Pre-loaded scam templates (Bank Fraud, Job Scam, Fake Prize) let anyone test instantly — perfect for demos

💡 Actionable Advice

Every result includes a clear next step: block sender, report to bank, verify through official channels, etc.

Simple. Fast. Accurate.

1

Paste Message

User pastes any suspicious text — WhatsApp, SMS, email, call transcript

2

AI Analysis

Gemini 2.5 Flash analyzes the message using a specialized scam-detection prompt

3

JSON Response

AI returns structured JSON with verdict, confidence score, reasons, and advice

4

Visual Result

React renders a beautiful verdict card with color-coded indicators and clear explanation

⚡ Average response time: under 2 seconds • Works on any device with a browser

Production-Ready, Zero Cost

React + Vite
Frontend Framework

Tailwind CSS
Styling & Design

Google Gemini
AI Engine (2.5 Flash)

REST API
Direct Fetch Calls

Vercel
Hosting & Deployment

GitHub
Version Control

💰 **Total Infrastructure Cost: $0 / month**

Who ScamShield Protects

Elderly Users

Most targeted demographic — ScamShield gives them a simple paste-and-check tool they can actually use

Students

Job scams and scholarship fraud target students — instant detection prevents financial and personal data loss

Professionals

Business email compromise and phishing cost companies billions — ScamShield acts as a quick sanity check
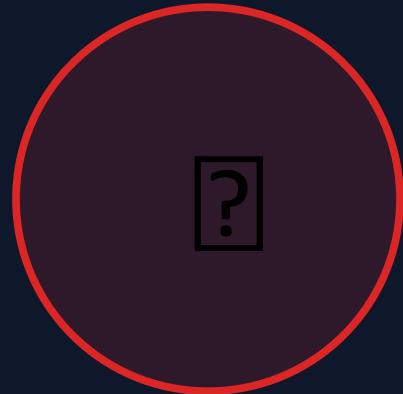
Global Users

Scams are culturally specific — Gemini AI understands context across languages and regions

🚀 Future Roadmap: Browser Extension • WhatsApp Bot • Regional Language Support • Real-time URL Scanner

ScamShield

Protecting People. One Message at a Time.

🌐 Live App: scamshield.vercel.app

🐙 GitHub: github.com/kapilshastriwork-maker/scamshield

🎯 Theme: Cybersecurity & AI/ML

Built with 🖤 for DSOC 2026 • Kapil Shastri