

Is this message a scam?

Paste it. Know in seconds.

An offline-first fraud detector that explains every trick it finds — in plain words, in 7 languages, on any phone.

THE PROBLEM

Message scams take the most from people with the least: the elderly, first-time phone users, families who bank through mobile money. The tricks are ancient — fake prizes, "sent by mistake" reversals, OTP theft, lookalike bank links — but every day someone meets them for the first time, alone, with no one to ask.

THE PRODUCT

Paste any suspicious SMS, WhatsApp or email (or screenshot it). ScamShield returns a verdict in seconds — SCAM, SUSPICIOUS, or no known signs — with your own message "x-rayed": the exact phrases and links that triggered each warning are highlighted, each trick explained, and clear next steps given.

WORKS WHERE IT'S NEEDED MOST

- **No account. No API key. No internet needed** — the 20+ rule detection engine runs entirely on the phone.
- Detects in **English and Kiswahili** offline; AI explanations in 7 languages including Arabic and Hindi.
- Installs as an app; runs on a \$30 Android.

BUILT TO BE TRUSTED

- **Shows its work:** every verdict points at the exact evidence in the message — protection that also teaches.
- **Fights evasion:** disguised links (bit(.)ly, "paypal dot com", hxxp://), digit-swap lookalikes (paypa1, arnazon), spaced-out "O T P", bare domains, punycode, shorteners.
- **Doesn't cry wolf:** negation-aware rules keep real bank advisories ("never share your OTP"), genuine OTP texts and innocent family messages green — tested against a corpus of scams AND innocent messages.
- **AI explains, code decides:** the safety verdict is auditable JavaScript; Gemini only adds the plain-language explanation and screenshot reading.

IMPLEMENTATION

- Single-file zero-dependency PWA; Cloudflare Worker holds the AI key server-side (rate-limited) — visitors need zero setup.
- Messages are analyzed on-device; nothing is stored.

Try it in 60 seconds: open <https://scamshield.rohnringo3.workers.dev> → tap "Lottery scam" → watch the message get x-rayed with every trick highlighted → then paste the last suspicious text from your own phone. No account, no key, no setup.