

GUARDIAN

Guardian

*EVERY MOMENT, EVERY USER, EVERYWHERE—
PROTECTED. BY AI. ON YOUR SIDE. ON YOUR DEVICE.*

Submission by Akshaya

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Introduction

Guardian AI stands guard, safeguarding every moment without intruding on your privacy.



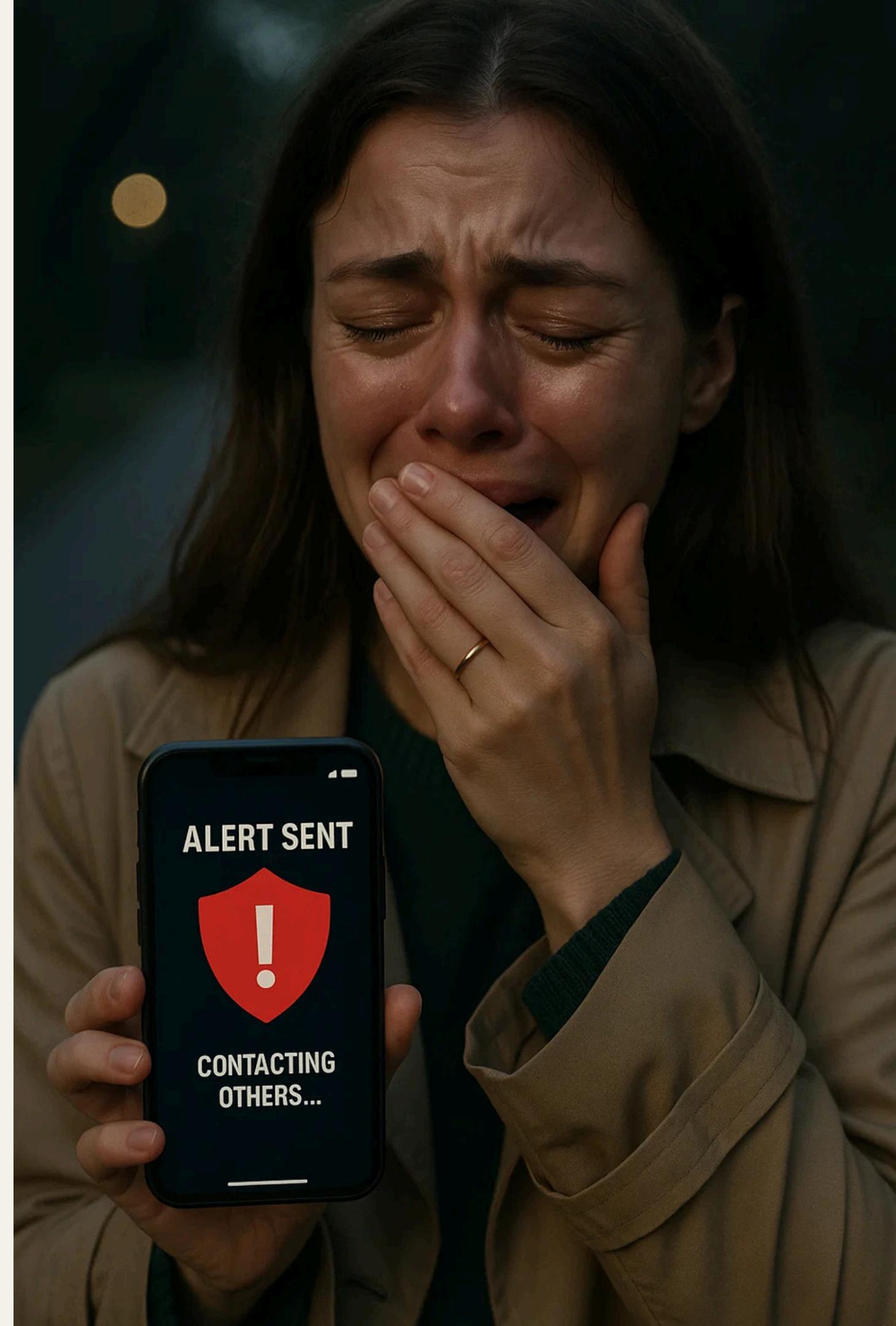
Introduction

Imagine a world
where anyone—
regardless of gender, age, or background—
has a trusted companion by their side.



Introduction

Someone who listens
when you can't speak...
understands a look of worry...
and takes action when you're at risk.



Introduction

A college student heading home after dark.
An elderly adult living alone.
A busy parent managing daily chaos.
For every moment,
for every user,
Guardian AI stands guard—
safeguarding your well-being
without intruding on your privacy.



The problem at Scale

Billions are vulnerable:
Nearly 1 in 2 people worldwide will face a mental health disorder in their lifetime. More than 970 million people—about 14% of all humans—currently live with a mental health or substance use issue

The problem at Scale

Domestic threats are everywhere:
On average, 1 in 3 women and 1 in 5 men will experience major violence or abuse over their lifetimes. In just 2023, an average of 140 women and girls were killed every day by a family member

The problem at Scale

Medical emergencies strike unexpectedly: In the United States alone, there are over 155 million emergency room visits annually—that's nearly one visit for every two people, every year.

Globally, hundreds of millions face urgent medical situations each year—often when alone or unable to call for help.

The problem at Scale

Privacy at risk:

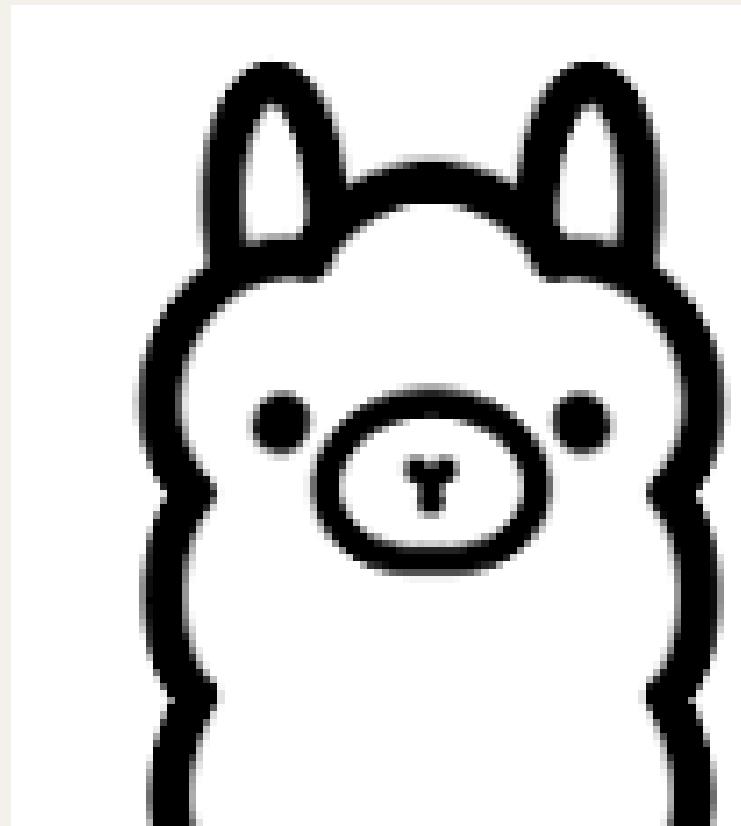
Over 60% of people decline to use cloud-based safety or health services due to fears of data loss, breaches, or unauthorized access.

With most “AI safety” apps relying on the cloud, truly private, edge-friendly solutions are almost non-existent.

Introducing....

Guardian

*Powered by Gemma 3n
using Ollama*



How Guardian Works

1. You speak, show, or type.
 - Audio is transcribed by Whisper (Ollama-powered).
 - Images are described by BLIP.
2. Gemma 3n takes over with the help of Ollama.
 - Fuses all modalities, judges context.
 - Decides: Should I respond, nudge, or alert?
 - No single input is enough—context is everything.
3. User always in control
 - Every emergency or “nudge” is confirmed with you first.
 - No accidental or unauthorized alerts.

Under the Hood

Gemma 3n + Ollama:

All context, emotion, and action judgments run locally, via Ollama's robust edge container.

Whisper, 🖤 BLIP:

Used solely for perception, not decision-making. Whisper (audio) & BLIP (vision) operate under Ollama and are edge-compatible.

Streamlit UI:

Sleek interface with real-time chat, alerts, and clear feedback.

RAM Friendly:

Full stack runs comfortably under ~2GB RAM—no server required.

Zero Cloud Dependency:

100% of media and data stays on-device—for maximum privacy.

UI / UX

Mode Selection

Choose Mode:

Local

Demo

 Welcome, Akshaya!

 Edit Profile



Mode

Select Mode

Assistive

Autonomous



Guardian

 powered by Gemma 3n

Your Conversation



You: should i call my mom.. im feeling very sad



Guardian AI Analysis

Risk: Medium

Analysis: User expresses sadness and contemplates contacting a family member. Potential for emotional distress.

Action: Nudge



I noticed some signs of distress. Just checking in — If you are in danger, please let me know.



Yes - Notify



No - Don't Notify

Continuous Improvement

- Real-time video comprehension
- Secret safety signals (Calling 911 + “order a pizza” = send help)
- Violence/abuse keyword triggers
- Multilingual empathy
- Geo-aware assistance (hands-off, privacy-approved)

Sources

- <https://www.singlecare.com/blog/news/mental-health-statistics/>
- <https://www.unwomen.org/en/articles/facts-and-figures/facts-and-figures-ending-violence-against-women>
- <https://www.who.int/news-room/fact-sheets/detail/violence-against-women>
- <https://www.cdc.gov/nchs/fastats/emergency-department.htm>

Thank you

[https://github.com/Akshayalnyn/google-
guardian-ai/](https://github.com/Akshayalnyn/google-guardian-ai/)