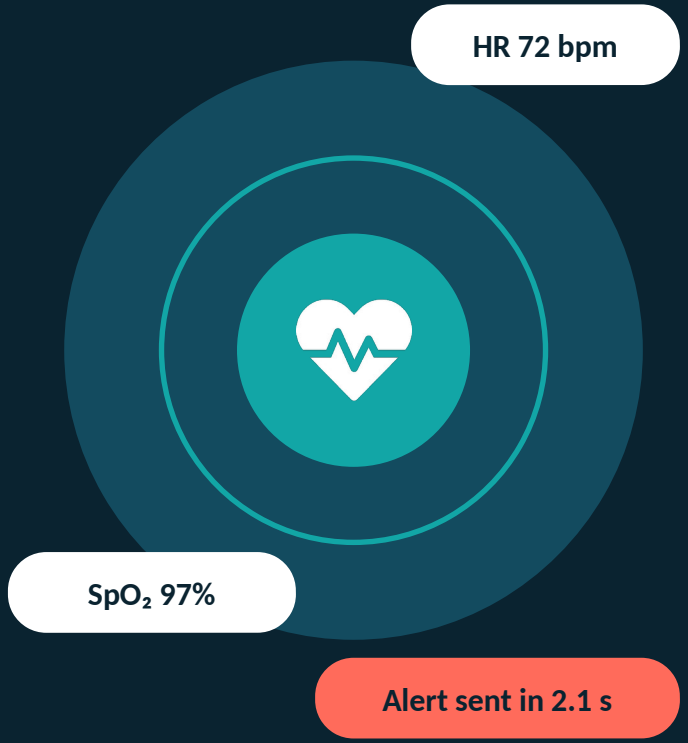
STARTUP BUILDATHON INDIA 2026 · MSME 5.0

CareGenie

A multi-agent AI that watches over elders in real time and calls for help on its own



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The alert depends on the victim

75%+

of falls go unreported by people who cannot press a button

3–5 min

average response time of manual alert systems

2.1B

people aged 60 and over expected by 2050 (WHO)

Pendants, wearables and voice assistants all wait for a human action. The people who need help most cannot take one. CareGenie does not wait.

Five agents, one safety net

Vitals Agent
HR, SpO_2, BP, temperature every few seconds

Motion Agent
Spots falls and long inactivity

Anomaly Agent
Learns each person's own normal

Wellbeing Agent
Reads mood and routine, nudges gently

Response Agent
Chooses who to alert, then acts on its own

A fall at 2 a.m.

1 Fall plus a drop in SpO_2 is detected

2 Agents agree the event is critical

3 Ambulance, family and care log are alerted at once

2.1 s
from event to alert

Architecture: edge speed, cloud brain

Wearables & IoT

Heart rate, SpO_2, BP, temperature and motion

Edge layer

Gemma screens vitals on the device and logs offline

Cloud agents

Gemini agents on Cloud Run with Pub/Sub and Firestore

Alert & care

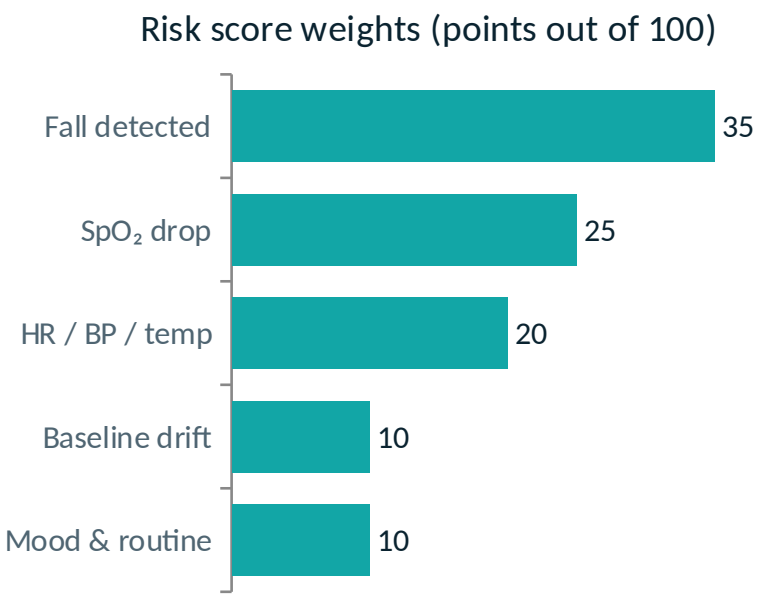
Role-based alerts to family, doctors and ambulance

Role-based access (RBAC)

Offline logging, auto-sync

Weekly health reports

How an alert is decided



70–100 · Critical
Call ambulance, alert family and doctor at once

40–69 · Warning
Alert the caregiver, recheck in 2 minutes

0–39 · Watch
Send a tip or reminder and log it

Proposed weights, tuned with clinicians. Hard limits (SBP <90/>180, HR >120, SpO_2 <90%, temp >38°C) always trigger.

One system, three views

Caregiver app

Real-time alerts

- Fall detected · Room 4
- HR 128 · SpO_2 88%
- Call ambulance

Doctor dashboard

Trends and reports

- 7-day heart rate trend
- Risk level: Medium
- Weekly report ready

Family view

Status, no medical detail

- Status: all normal
- Slept 7 h · 3,200 steps
- Medication taken ✓

Illustrative screens. Each role sees only what it needs.

Built on Google’s AI stack

GOOGLE AI TOOLS

Google AI Studio
Prototype and test agent prompts

Google Antigravity
Build and iterate the agent code

Google Agent Skills
Package each agent as a reusable skill

GOOGLE AI MODELS

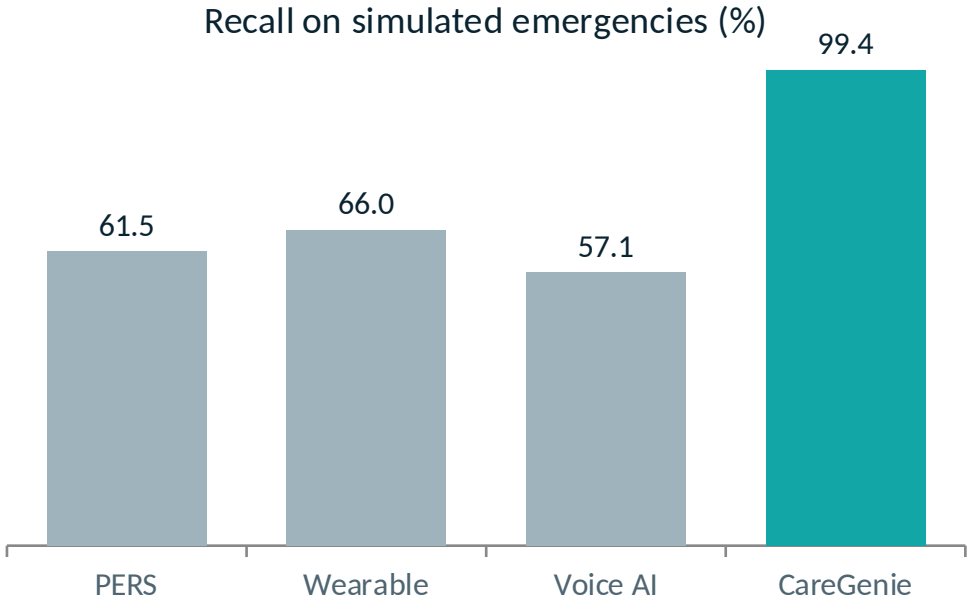
Gemini API
Reasons over vitals, mood and history, writes reports

Gemma
Small open model for on-device screening, even offline

Gemini Live
Voice companion that hears mood and talks people through

Deployed on Google Cloud: Cloud Run, Pub/Sub and Firestore, scaling with load

Seconds, not minutes



2.1 s

average alert time, vs 3–5 min for manual systems

99.4%

of real emergencies caught

Simulated data: 5 users, 48 hours. Compared with PERS, wearable tracker and voice assistant.

Why CareGenie should be selected

Innovation

Agents that act on their own, no button needed

Google AI use

Gemini, Gemma and Gemini Live, each with a job

Feasibility

Tested in simulation, buildable with AI Studio

Impact

Cuts response from minutes to seconds for elders

Scalability

Cloud Run and Pub/Sub grow from one home to thousands

Business

SaaS per bed, family plan, wearable API

Market, model and roadmap

Market

$100B+

digital health, remote monitoring and assisted living

1.5B

people aged 60+ worldwide in 2024

Business model

- B2B SaaS per bed or patient
- Family subscription app
- API licence for wearable makers
- Insurer and wellness programmes

Roadmap

Now
Prototype tested on simulated data

Next
Pilot with nursing homes and clinics

Scale
India first, then US, Europe, Asia-Pacific

Primary market: India · Secondary: US, Europe, Asia-Pacific