DESIGNING OUR FUTURE.

Where lived experience meets hearing technology and innovation.



TWO PERSPECTIVES. ONE PURPOSE.

LIVED EXPERIENCE

Gargi Agrawalla, Age 23

Born Profoundly Deaf, Hearing Aids at 2 then Cochlear Implants at 12

DESIGN PRACTICE

Product Design and Technology BSc (Hons) Graduate 2026 from Loughborough University, UK

Graduate Design Engineer (New Product Innovation) at Dyson Technology Ltd, Malmesbury, UK



ACCESS TO SOUNDS IS NOT THE WHOLE PICTURE.

01 Understanding and Processing Sounds

02 Listening Effort and Fatigue

03 Noisy Environments

04 Situations where Devices are removed

05 Safety and Awareness

06 Independence



LIFE CARRIES ON WHEN PROCESSORS COME OFF.



SLEEP

Fire and other urgent alerts



SHOWER

Limited access to sound



TRAVEL

Unfamiliar spaces and routines

These are everyday needs, not edge cases.

MORE DEVICES DO NOT ALWAYS MEAN MORE FREEDOM.

01 More to Carry

02 More to Set Up

03 More to Fund



How much equipment should independence require?

Not just:

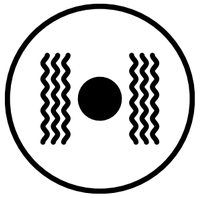
“HOW CAN WE HELP PEOPLE HEAR MORE?”

Ask instead:

“HOW CAN SURROUNDINGS COMMUNICATE IN MORE WAYS?”



LIGHT



VIBRATION



VISUALS

SIVO.GO

Portable Sensory Safety System | Proof of Concept Prototype

AI/ML detection recognises alarms, doorbells, door activity, babies crying, and other emergency sounds.

Communicates using light, vibration and visual alerts.

Benefits include on-device processing, no Wi-Fi required, Bluetooth and wearable compatibility.

3 Environment Modes include Bed, Bath, Room.





INNOVATION EXTENDS BEYOND SOUND.

Independence | Identity | Choice



DIP National Highly Commendable Award 2024

EarBoost+, Off-grid care concept



DEAFMETAL x AVUK Winner 2025

20% sales go to deaf children for Auditory Verbal Support

RECOGNITION IS A BEGINNING. NOT THE FINISH.



THE JAMES DYSON AWARD · de zeen · THE TIMES · Reuters · BBC NEWS

James Dyson Award National UK Winner 2026
JLR Manufacturable Product Design Degree Show Winner 2026

Runner Up Recognitions from:

cambridge consultants Part of Capgemini Invent · P&G Gillette · Stannah · IMPERIAL BRANDS · CAMBRIDGE RESEARCH SYSTEMS

What the industry can do now

01 Co-design from the start

02 Solve overlooked daily problems

03 Prioritise reliability and affordability

THE FUTURE SHOULD BE DESIGNED WITH US.

Beyond access to sound.
Towards choice, safety and independence.

Connect with me to learn more!
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