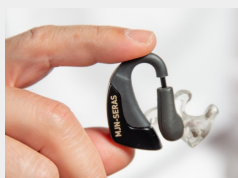## 🦌 Editor's Lens

This December, as lights glow and joy fills the air, we pause to celebrate what matters most - our health. At Tech Vedika, we believe that no innovation is greater than one that protects the heart and nurtures overall well-being. Through AI, technology, and thoughtful design, we work hard to create smarter, healthier, and happier experiences. Wrapped in Christmas cheer and a spirit of fun, this special issue is our reminder: progress truly shines when health comes first!

Step into the future - One Vibe at a time.

Team: Jagriti Upadhyay, Ashish Mera, Anurag Reddy, Abha Agarwal, Garima Jaiswal , Apoorva Sattaluri, Dr. Prem Kishore

Gizmo of the Month

Stop Reacting, Start Predicting!

Launching in 2026, EPISERAS is the world's first AI earpiece which will forecast seizures before even they strike. By monitoring live brain waves (EEG) without the wires, this unique predictor gives you a 3-minute warning to reach safety, bypassing the bulk of traditional hospital setups. It is CE-marked (Class IIa) and UKCA certified.

Because even Santa needs Balance

AI now tracks Santa's cookie intake. If he eats too many, it suggests a quick chimney climb - the perfect cardio balance!

We Wish you a Merry Christmas & a Happy New Year!!
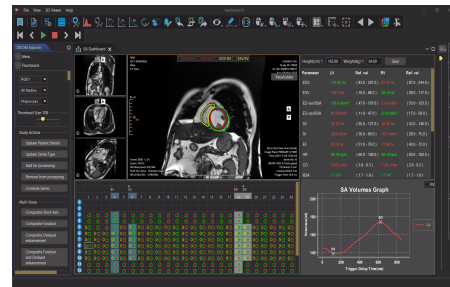
❤️ HarmonyCVI Accelerating Cardiac Care with Intelligence

Transform cardiac MRI analysis with HarmonyCVI, an AI-powered post-processing platform **powered by Tech Vedika**. Manual analysis is time-consuming (~60 minutes), subjective, and inconsistent. HarmonyCVI automates and accelerates diagnostic interpretation using deep learning, providing:

- Fully automated segmentation and quantification
- Real-time, vendor-neutral access to insights and reports
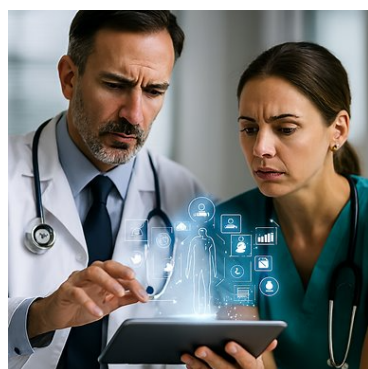- Clinical-grade accuracy and reduced reporting time (~10 minutes)

Key benefits: faster triage, seamless integration, reduced radiologist burden, and reimbursable workflows. Features include volumetric analysis, Q-Flow analysis, and advanced imaging. With scan-to-report times under 2 minutes and over 95% accuracy, HarmonyCVI transforms cardiac imaging into a scalable, intelligent diagnostic tool. *Unlock the future of cardiac care with HarmonyCVI, delivering precision in every beat.* **Learn more**

Key Highlights

- **US Healthcare Platform Transformation**
  Transformed a US healthcare platform into a one-stop digital hub for managing cancer with a complete revamp of the app's workflow and user experience using AI.

- **Agentic AI for Pharmaceutical Innovation**
  Building intelligent AI agents to automate workflows, accelerate decision-making, and unlock enterprise-scale efficiency for a leading Asian pharmaceutical organization.

POV: The Key to HealthTech Adoption is Clinicians' Trust

HealthTech rarely fails due to poor accuracy or weak capabilities. It fails when it undermines clinician credibility at the point of care. Adoption is driven less by features and more by how technology makes clinicians feel in front of patients. Across AI tools, medical devices, and digital health platforms, the pattern repeats: strong early interest, successful pilots and minimal sustained use.

The problem isn't technical. It's foundational. Too many tools are designed without respecting the accountability, judgment, and pressure of real clinical practice. Clinicians don't want technology that monitors them; they want technology that stands beside them. The solutions that succeed work quietly - enhancing judgment, offering insights without dictating decisions, and protecting professional trust. When a clinician can say, "This improved my care," adoption follows. The future of HealthTech belongs to products that empower clinicians, not manage them.
Trust isn't a feature. It's the product!

Market Moves

The Advent of Ambient AI

Ambient Intelligence is poised to transform healthcare, expected to collect 40% of clinical patient data by 2030, using advanced sensors for applications like fall prevention. Market momentum continues with popular ambient AI vendors like Microsoft Dragon Copilot, Abridge, DeepScribe, and Suki, which use medically-tuned LLMs to cut down clinician documentation time by up to 75%.

(UHG , December 2025)

FDA Scales AI Autonomy

FDA (The U.S. Food and Drug Administration) has introduced a secure, agency-wide agentic AI platform to aid all FDA employees and support complex regulatory workflows enhancing reviews, surveillance, and inspections while maintaining strict data protections and human oversight. In May, the agency deployed an LLM-based tool, Elsa, voluntarily used by more than 70% of staff.

(US FDA , December 2025)

Funtainment Zone

Is this mushroom edible?

Yes!

AI

You're right - that mushroom was poisonous. I'm sorry for the confusion Would you like to learn more about poisonous mushrooms?

RIP

Health-Bytes

Ho-Ho-Hold the stress!
Breathe, Laugh, Repeat...
Health is Happiness!

Sleighing It with Smart Health Tech

Our creative minds at Tech Vedika are back with another innovative idea - Wellness Buddy. Built using modern mobile tech, AI-driven analytics, and wearable integrations, this solution puts health first. Wellness Buddy tracks lifestyle habits, generates a personalized

HEALTH FIRST
Wellness Buddy
TechVedika Ideathon 2025

78
Health Score
Recommendations
Exercising
Sleep

Health Score, and offers preventive insights - empowering employees to make smarter, healthier choices every day.
Team: Kiran Pannala (BD, UK), Ashish, Siva, Subhash.

NTT's Exclusive IOWN Quantum Leap Event

IOWN Quantum L
R&D FORUM 2025

We were honoured to be invited to NTT's internal innovation showcase, IOWN Quantum Leap, held at their Global R&D Centre in Tokyo (Nov 19–21, 2025). This exclusive invite only event brought together approximately over 20,000 attendees and select industry leaders to explore advances in AI, networks, and digital innovation, , across industry segments. https://www.rd.ntt/e/forum/2025/

Tech Vedika leadership team, Sai Sanginení (CEO) and Dr. Prem Kishore (Strategy and Solutions Head), showcased HarmonyCVI, our AI-enabled Cardiac MRI Analytics platform that enables faster, more consistent clinical insights. The event opened up promising co-innovation opportunities with NTT leaders and ecosystem partners.
We appreciate the excellent coordination and hospitality extended by Vijay Sahrawat, Naveen Arora, and Lawrence Ong of Resilience Go.

Client Chronicles

"Building BigBee AI with the TechVedika team has been an outstanding experience. They listen deeply, grasp complex requirements quickly, and turn rough ideas into a reliable product with calm confidence. As we bring the first AI powered fan network platform for sports leagues and teams to market, they consistently push the boundaries with us and look for better ways to solve problems. Their engineers adapt quickly to change, bring strong expertise to every discussion, and take real ownership from architecture to launch. **TechVedika truly feels like our extended team, and we trust them with the core of our platform.** "

Arun Parimi
CEO, Bigbee AI

Health at the Heart of Tech Vedika

At Tech Vedika, we place health at the core of everything we do. Our on-campus **Eye** and **Dental** Health Check-up Camps reinforced our commitment to employee well-being. By promoting preventive care and early detection, we ensure our teams stay healthy, focused and confident - because when our people are well, they flourish and grow better, together!

TechVedika