



PROJECT PORTFOLIO
DesignKatte

2026

DesignKatte.com

ABOUT DESIGN KATTE

ROOTED IN CONVERSATIONS

At Design Katte, we believe meaningful ideas are shaped through thoughtful conversations and deep understanding. Located in a quiet village near Sringeri, our studio is built around intentional thinking, creativity, and purpose. We are a multidisciplinary team bringing together design, engineering, and technology.

CAPABILITIES AND SKILLS

We work at the intersection of design, technology, and engineering through a design-driven approach. Our expertise includes software design and development, hardware-integrated solutions, industrial design, prototyping, and architectural design services.



THE **KATTE** FRAMEWORK

WHERE EVERY IDEA FINDS CLARITY

In our culture, a katte (કાતૈ) is a shared platform under a tree, a space where **people gather, talk freely, share ideas, and spark change.**

We've taken that idea and built our creative process around it.

At Design Katte, we believe progress happens through open, judgment-free conversations, whether you're just starting out or looking to refine what you've already built. That's what our Katte Framework is all about: listening deeply, exploring openly, and building thoughtfully.

Listen deeply • Explore openly • Build thoughtfully



Meet The Creative Team

Surabhi Shivamath



Surabhi has spent years developing critical software for the healthcare sector, where precision and empathy go hand in hand. She also founded a startup focused on enabling homemakers to sell their products online, creating tech-driven opportunities where none existed before.

She brings a rare blend of technical skill and social awareness to every project. Surabhi believes that when women are empowered with the right tools, entire communities grow stronger. Her work reflects that belief — practical, impactful, and people-first.

Aravinda Devaramane

Aravinda began his journey as an engineer with a leading automotive giant. Over time, his curiosity for human-centered problem-solving led him to the National Institute of Design, where he reimagined his path as a designer.

Since then, he has worked extensively in med-tech devices, mental health platforms, and design-for-impact projects. His work blends deep technical understanding with intuitive design thinking. He also shares his experience through occasional guest lectures, encouraging young minds to approach design with empathy and clarity. When he's not building apps or shaping physical products, you'll find him tending to his farm — because he believes the earth teaches design too.



What We Do

Software | Hardware | Products
Interactive Spaces | Architecture | Design Strategy

- **Software Design & Development**

Mobile applications, desktop applications, web platforms, and custom software solutions tailored to specific needs.

- **Hardware-Integrated Solutions**

Custom software for hardware products, connected systems, embedded technologies, and smart experiences.

- **Industrial Design & Product Engineering**

Concept development, product design, engineering support, and prototyping from idea to realization.

- **Interactive Experiences & Installations**

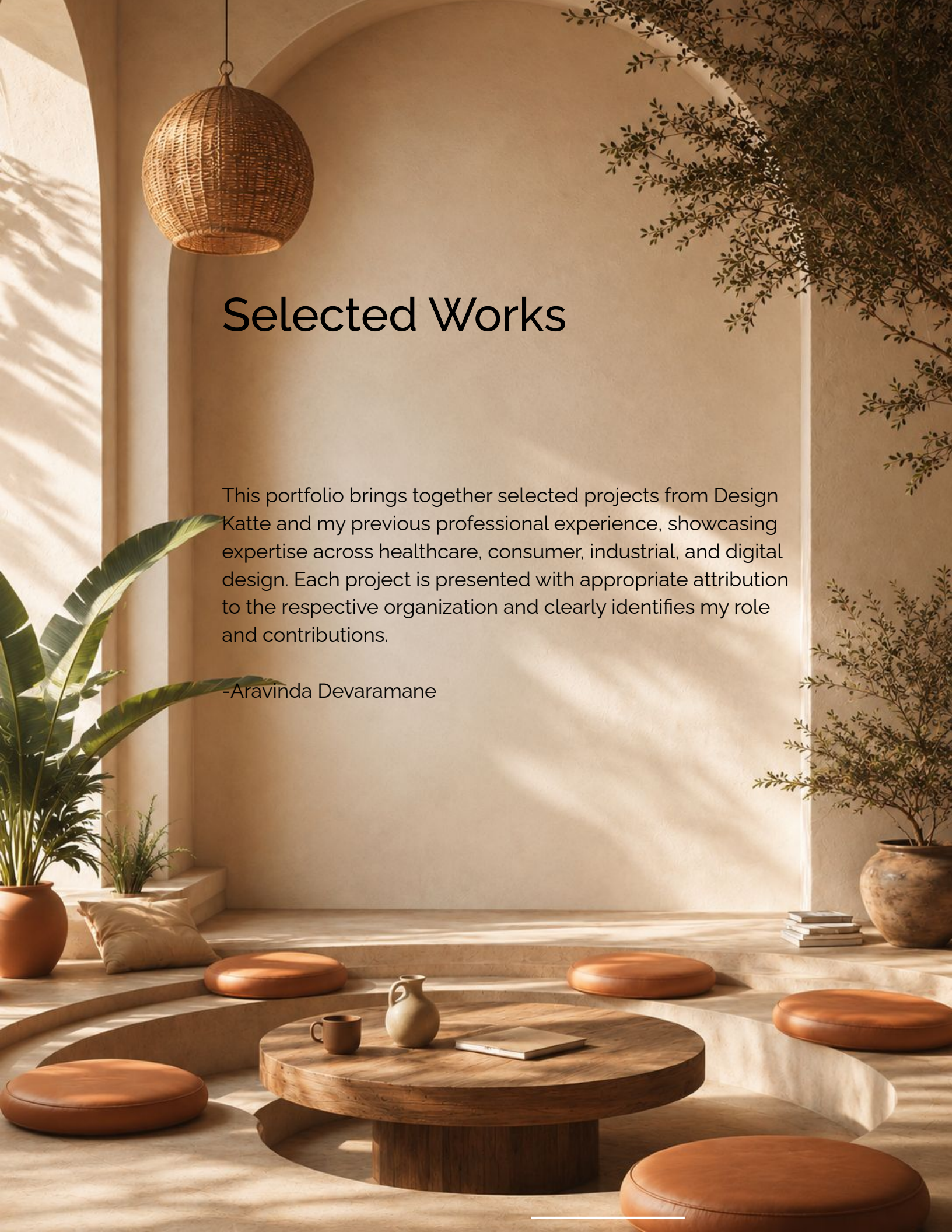
Interactive kiosks, augmented reality experiences, physical-digital installations, immersive interfaces, and experiential environments.

- **Architecture & Spatial Design**

Built environments and spatial solutions designed around functionality, experience, and context.

- **Design-Driven Development**

Bridging creativity and technology through a process where design leads innovation, decision-making, and execution.



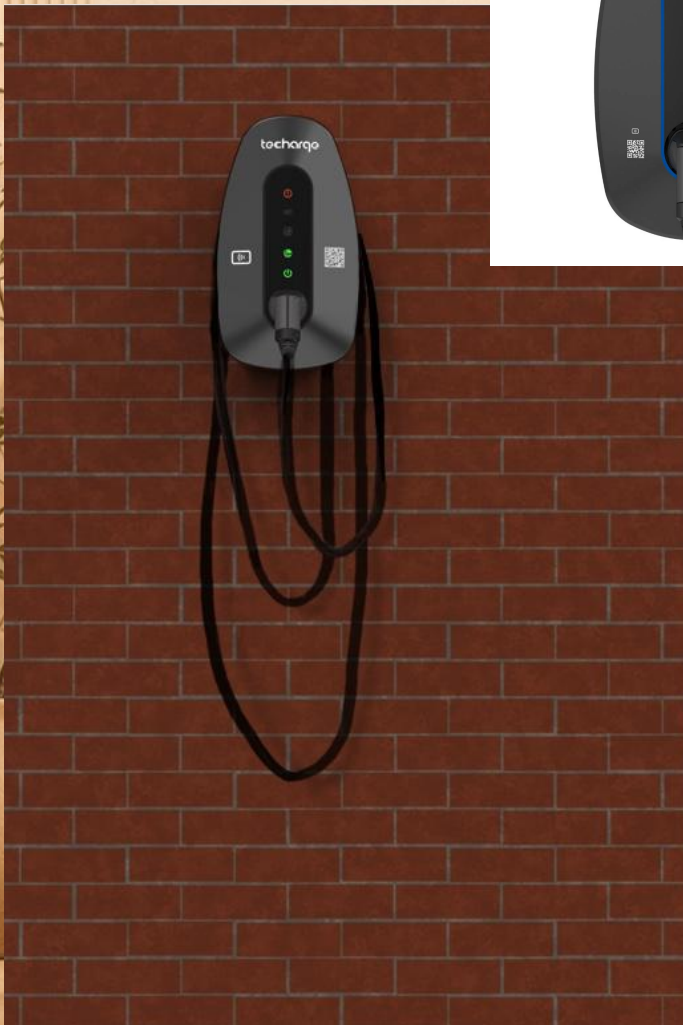
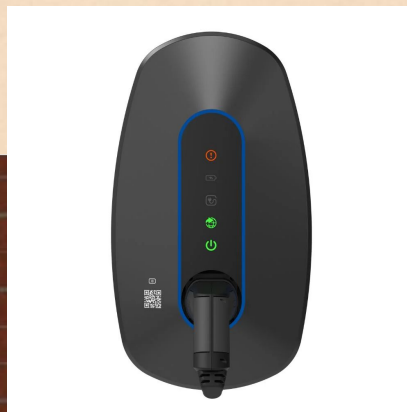
Selected Works

This portfolio brings together selected projects from Design Katte and my previous professional experience, showcasing expertise across healthcare, consumer, industrial, and digital design. Each project is presented with appropriate attribution to the respective organization and clearly identifies my role and contributions.

-Aravinda Devaramane

Designing the Future of Electric Mobility

Design Katte partnered with IPEC India to design its first family of branded DC EV chargers, establishing a distinctive product identity as the company entered the EV charging market. Developed alongside the hardware team, the chargers were engineered for Indian outdoor conditions with IP65-rated weather protection, tamper-resistant construction, and support for both wall-mounted and pedestal installations. From compact to high-capacity models, the entire product range shares a unified automotive-inspired design language, creating a robust, scalable, and instantly recognizable charging ecosystem.



Elevating Everyday Appliances

Vidiem, a premium home appliance brand from Maya Home Appliances, set out to redefine the everyday mixer grinder through thoughtful design and engineering. I contributed to the industrial design of the product, with a strong focus on usability, ergonomics, and visual identity. One of its distinguishing features is India's first aesthetically designed exposed motor housing, celebrating the brand's engineering craftsmanship while enhancing its premium appeal. The product has been well received in the market, combining performance, functionality, and a distinctive design language.



Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

Designing for Connected Healthcare

LifeSignals Wearable Biosensor is a disposable, multi-parameter medical patch designed for continuous remote monitoring of vital biomedical data. I was responsible for the industrial design of the wearable, creating a form that feels approachable, comfortable, and intuitive while seamlessly integrating the client's electronic components. The design balanced aesthetics, ergonomics, and manufacturability to deliver a reliable medical device that has since been successfully launched in international markets.



Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

Designing the Future of Liver Care

This concept was developed for a next-generation liver dialysis system based on a patented technology designed to support liver regeneration during acute liver failure. I was responsible for the industrial design of the product, balancing complex engineering requirements such as precise temperature control with a modern, investor-focused design language. The goal was to create a medical device that communicates innovation, reliability, and confidence while remaining practical for clinical use. The product is currently undergoing advanced testing as it progresses toward commercialization.



Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

Enabling At-Home Neurological Monitoring

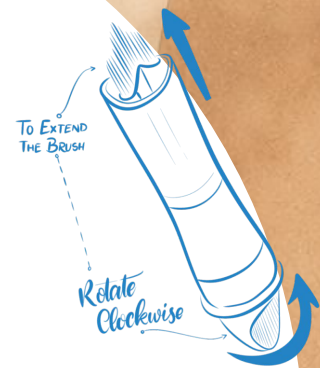
This project involved the industrial design of a patented portable Video EEG system developed for at-home neurological monitoring. The solution combines a wearable EEG headband with a smartphone-based tracking system, enabling patients to undergo long-duration monitoring outside a clinical setting. I contributed across the entire product development process, from industrial design and user experience to packaging, with a strong emphasis on comfort, usability, and intuitive interaction—including the design of a magnetic smartphone mounting system. The product continues to evolve, with the next generation incorporating new electronics and enhanced design innovations.



Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

Empowering Women Through Preventive Healthcare

CERVICHECK™ is a self-sampling kit designed to make cervical cancer screening more accessible, private, and comfortable for women. I contributed to the industrial design of the product, focusing on creating an intuitive, user-friendly experience that enables accurate sample collection without the need for a clinical visit or trained medical personnel. The design emphasizes ease of use, comfort, and confidence, helping reduce barriers to early screening while supporting a more accessible approach to preventive healthcare.



Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

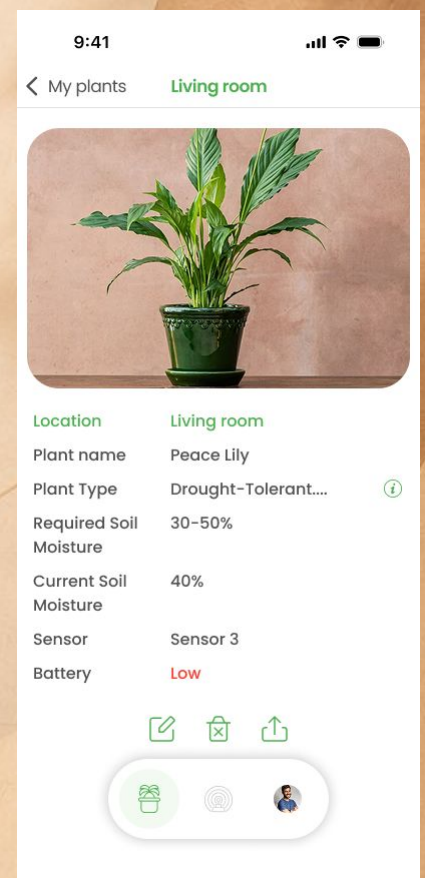
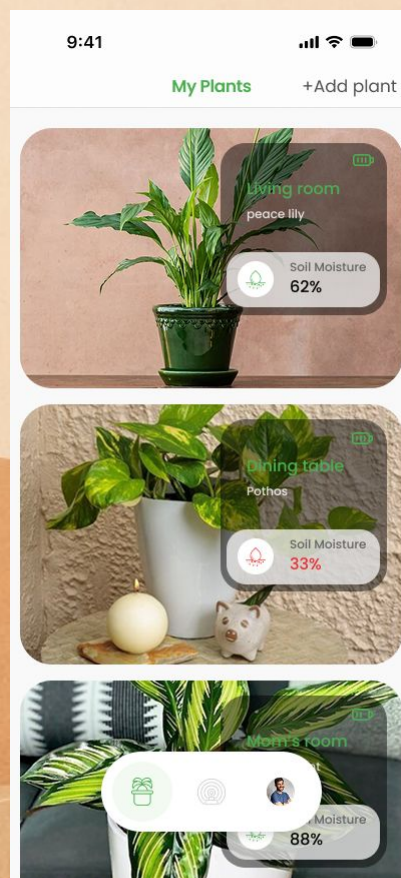
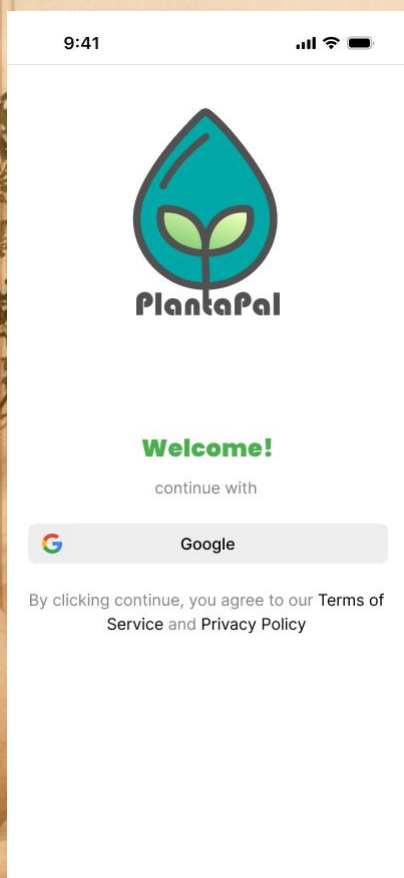
Smart Sleep Earplugs – A Sound Sleep Companion

Twins Earplugs is a smart sleep accessory designed to help light sleepers rest better, especially in shared environments affected by noise such as snoring. While the hardware was developed in collaboration with an industrial design studio, Design Katte led the design and development of the mobile application, working closely throughout the process to create a seamless connection between physical and digital experiences. From implementing Bluetooth Low Energy (BLE) for reliable hardware communication to designing a simple, user-friendly interface, every decision focused on comfort and ease of use. The app features a dark, calming color palette for nighttime use, with key functions such as alarm control, battery status, and white noise playback placed front and center. Minimal layouts, intuitive controls, and soft transitions ensure a comfortable experience without disrupting sleep.



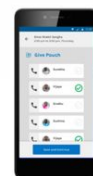
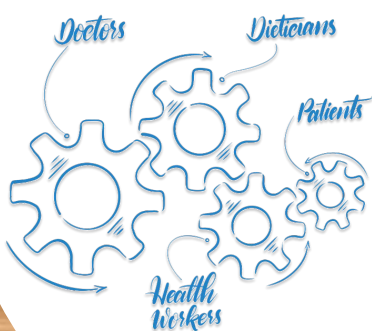
Helping Plants Speak

PlantaPal is a smart plant-care system designed to help users better understand and care for their houseplants. Developed in collaboration with a hardware studio, Design Katte led the design and development of the mobile application, transforming sensor data into simple and meaningful interactions. Using Bluetooth Low Energy (BLE), the app communicates with the moisture sensor and presents key information such as moisture levels, battery status, and alerts through a clean and intuitive interface. Friendly visuals and minimal interactions make the experience accessible for all users, while thoughtful optimization of Bluetooth communication and background activity ensured efficient battery usage and a seamless connection between the physical product and digital experience.



Designing Better Healthcare Services

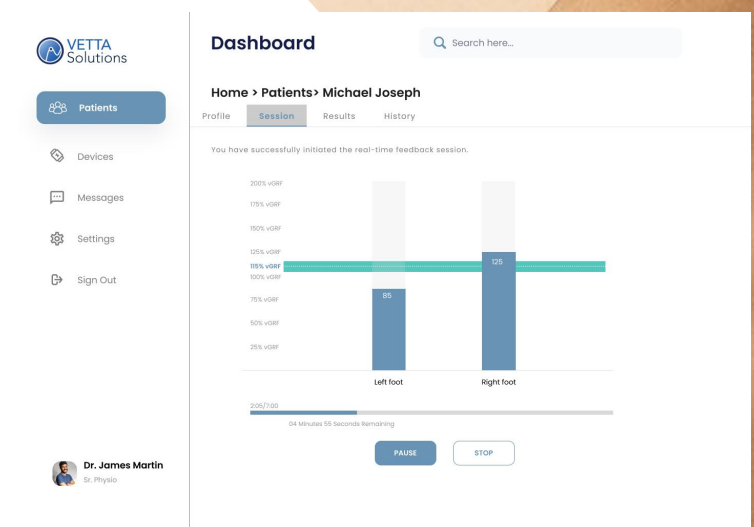
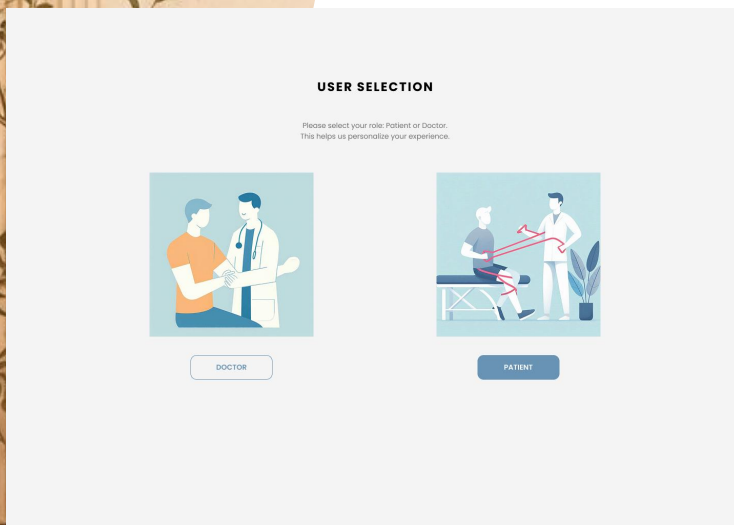
Prerna is a service design initiative focused on improving the prevention and management of Non-Communicable Diseases (NCDs) through a holistic, human-centered approach. Developed in collaboration with Icarus Design Bangalore, the project extended beyond digital interfaces to encompass the entire care journey. I contributed to designing the overall service strategy, creating training materials and demonstration kits for healthcare workers, developing digital support tools, and designing experiments to validate and communicate care interventions. The project demonstrates how service design can bring together people, processes, and technology to create more effective and accessible healthcare experiences.



Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

Smarter Steps Toward Joint Health

Developed in collaboration with VETTA Solutions, a healthcare technology spin-off from UNC Chapel Hill, this project focuses on a next-generation wearable sensor and machine learning platform aimed at supporting knee rehabilitation and joint health. Design Katte led the design and development of the web and mobile interfaces, creating intuitive tools for clinicians to monitor and interpret real-time motion data. Beyond interface design, we worked closely with the hardware team on low-level integration and data flow optimization to ensure reliable, low-latency communication while maintaining power efficiency. Designed with a medical product mindset, the platform emphasizes clarity, reduced cognitive load, intuitive navigation, and secure handling of sensitive information.



Dashboard Search here...

Home > Patients Add new Patient

Total Patients (487)

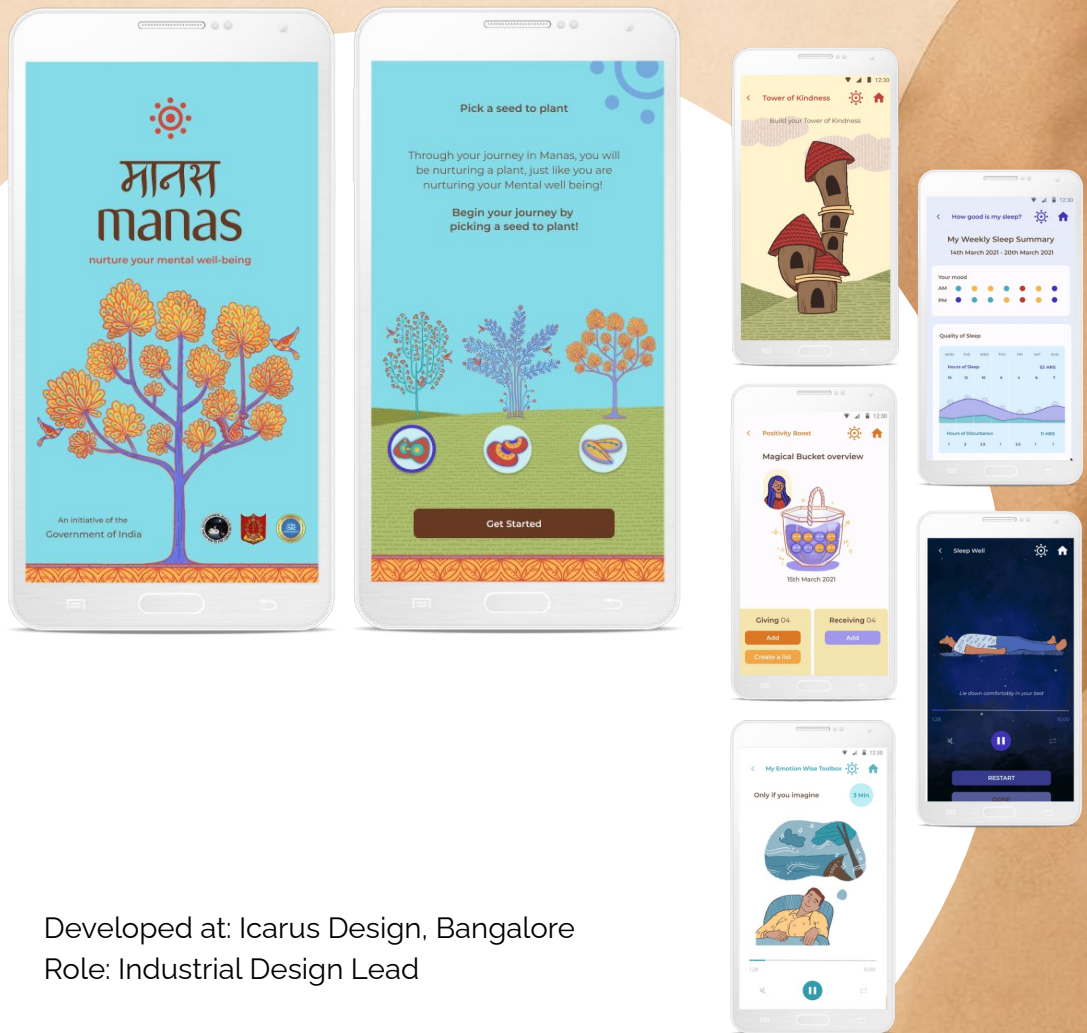
Name	Diagnosis	Status	Patient ID	Gender	Age
Arnold Jones	OA	Not Started	CP503681	Female	52
Michael Joseph	Sports Injury	Completed	CP509637	Male	42
Arnold Jones	OA	Not Started	CP503681	Female	52
Michael Joseph	Sports Injury	Completed	CP509637	Male	42
Arnold Jones	OA	Not Started	CP503681	Female	52
Michael Joseph	Sports Injury	Completed	CP509637	Male	42
Michael Joseph	Sports Injury	Completed	CP509637	Male	42
Arnold Jones	OA	Not Started	CP503681	Female	52
Michael Joseph	Sports Injury	Completed	CP509637	Male	42

Dr. James Martin Dr. Physio

1 2 3 ... 41 Next

Designing for Mental Well-Being

MANAS is a national digital mental health initiative launched by the Government of India to promote mental well-being and improve access to mental health support, particularly in the wake of the COVID-19 pandemic. As part of the design team at Icarus Design Bangalore, I contributed to the design and development of the platform, focusing on creating an accessible, intuitive, and user-centered experience. The project emphasized empathy, simplicity, and trust, helping make mental health resources more approachable for users across the country.

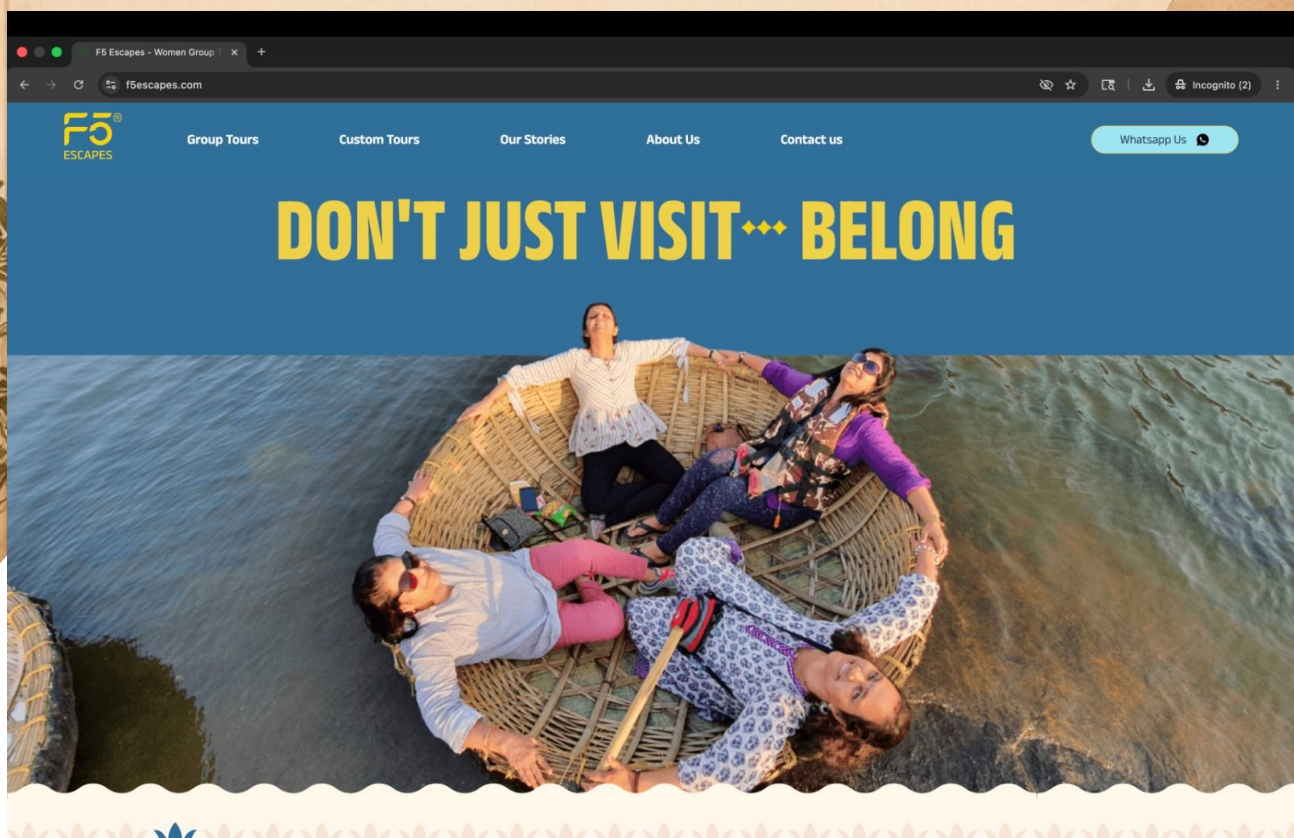


Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

Bringing Experiences to Life

F5 Escapes is a women-led travel company built with a vision of creating safer and more comfortable travel experiences for women through all-women group tours led by women tour leaders. As a brand built on trust and community, the website required an experience-focused approach that reflected its identity and energy. Design Katte led the development of the platform, bringing the design vision to life through rich micro-interactions, smooth animations, and immersive user experiences. The result is a seamless and engaging digital platform that extends the spirit of the brand into the online experience.

<https://f5escapes.com/>

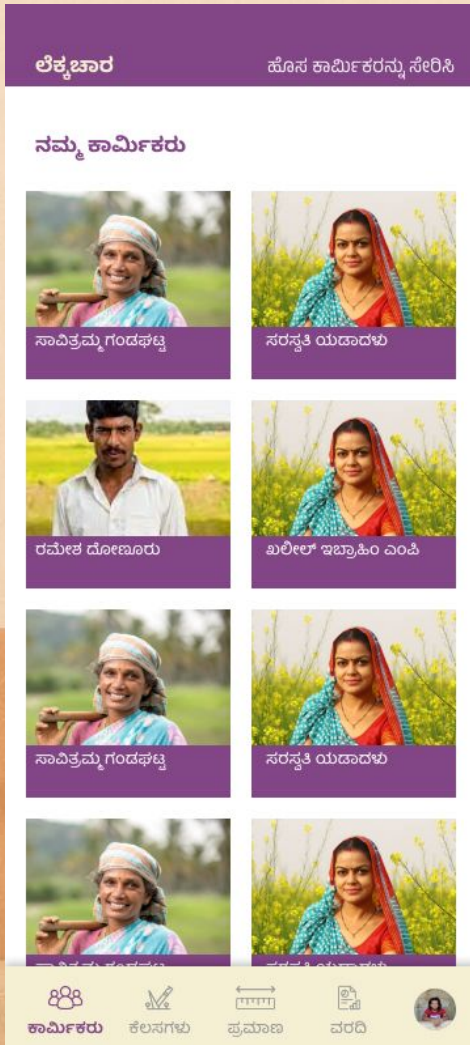


Empowering Small Farmers Through Technology

Lekka Book is an in-house product designed and developed by Design Katte to address a critical challenge within India's small farming community. While larger businesses and estates have access to management tools, small farmers—often working on less than two acres of land—still rely on notebooks and memory to track laborers, wages, advances, and payments. To bridge this gap, we created Lekka Book, a simple and accessible digital solution designed specifically for their needs. Built entirely in Kannada and guided by a user-centered and culture-centered design approach, the app transforms an everyday smartphone into a practical accounting and workforce management tool for small farms.



ನಿಮಗೋಸ್ಕರ



Making Design Accessible to the Next Generation

Design Dinosaur is a self-funded initiative by Design Katte aimed at introducing the principles of design, creativity, and problem-solving to children, with a special focus on Kannada-speaking learners. While design has the power to nurture curiosity, critical thinking, and innovation, it remains largely inaccessible to many young learners in India, particularly in regional languages. To bridge this gap, we created an online learning platform that presents design concepts in a simple, engaging, and age-appropriate manner. By developing content in Kannada, Design Dinosaur is helping create one of the first dedicated spaces where children can explore and learn design in their mother tongue.

www.DesignDinosaur.in



[ಕೊರ್ಸ್ ಗಳು](#)[ದಿವ್ಯಾರ್ಥಿ ನೋಂದಣಿ](#)[ಡ್ವಾರ್ ಟೋರ್](#)[ನಮ್ಮ ಬಗ್ಗೆ](#)[ಕಲಿಸುವುದು](#)[ಸಂಪರ್ಕಿಸಿ](#)[ಭೈನೋಬಾಡ್ ಧೈ](#)[ಕಲಿಯಲು ಪ್ರಾರಂಭಿಸಿ](#)

ಬನ್ನಿ ಡಿಸೈನ್ ಕಲಿಯೋಣ

ಡಿಸೈನ್ ಅನ್ನುವುದು ಅದುನಿಕ ಜಗತ್ತಿನ ಅದ್ಭುತ ಸಿದ್ಧಾಂತ. ಇದನ್ನು ಸರಳವಾಗಿ, ಮಕ್ಕಳ ರೀತಿ, ಮಕ್ಕಳಾಗಿ ಕಲಿಯೋಣ. ಯಾಕಂದ್ರೆ ಮಕ್ಕಳಿಗೆ ಅರ್ಥವಾದರೆ ಎಲ್ಲರಿಗೂ ಅರ್ಥ ಆಗುತ್ತೆ. Come and join drawing and





Ideaation & Sketching Mastery ಸುಲಭವಾಗಿ ಪೈಚಿಂಗ್ ಮತ್ತು ವಾಲ್ಯೂಗಳನ್ನು ವ್ಯಕ್ತಪಡಿಸುವುದನ್ನು ಕಲಿಯೋಣ

BY - Aravinda Devaramane

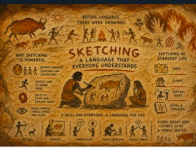
0.0 (0) ₹250.00 ₹299.00



ಡಿಸೈನ್ ಬಗ್ಗೆ ಪರಿಚಯ ಮಾಡಿಕೊಳ್ಳೋಣ Introduction to design

BY - Aravinda Devaramane

0.0 (0) ₹740.00 ₹299.00



Why Sketching is the Most Powerful Language of Ideas

June 3, 2026 · No Comments

Imagine you have a brilliant idea. You are excited to share it with your friends...

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Why Design Thinking is One of the Best Learning Frameworks for Students

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When people hear the word "design," they often think about drawing, painting, or making things...

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ಡಿಸೈನ್ ಬಗ್ಗೆ ಪರಿಚಯ ಮಾಡಿಕೊಳ್ಳೋಣ Introduction to design

BY - Aravinda Devaramane

0.0 (0) ₹740.00 ₹299.00

Digitizing Workforce Management

Teamwerks is a complete workforce management platform designed to bring structure and efficiency to the construction industry, where labor management is often handled through fragmented and manual processes. Built to address the challenges faced by contractors managing hundreds of laborers across multiple clients and sites, Design Katte designed and developed an end-to-end software ecosystem consisting of an Android application for laborers and a desktop platform for contractors. The laborer app streamlines work assignments, schedules, and notifications, while the contractor dashboard provides a real-time view of laborers, clients, attendance, and projects. Designed from the contractor's perspective, the platform prioritizes speed, clarity, and data-driven decision-making, enabling faster operational and strategic actions.

**TEAMWERKS**

Laborers

Clients

Messages

Settings

Sign Out

**Ravish Kamath**
Admin

Dashboard

Search here...

+ Add new Laborer

Total Laborers: (487)

Name

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

JUNE 2024

Mohesh Babu

Raju Srivastava

Surya nam

Mohammad Ismail

Rahim Khan

Michael Joseph

Iitu

Raju Gowda

Masonry & Civil Work

☒ Checkbox with label

☐ Checkbox with label

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Motlal Oswal

HUL Dandur

Chennamanur

Muthoot office Hyd

< Prev

1 2 3 ... 41

Next >

9:41

**TEAMWERKS**

Forgot Password

9985663368

Request OTP

This number doesn't exist in our records

Not a member? [Sign up now](#)

9:41

My Assignments

Current assignment

Project Name

Office renovation

Client

Ram Jewelers

Location

#65, Ravidas street
8th cross, 8th Main
neharu nagar
Bangalore 560018

Report to

Mr. Brajesh Panchal

Contact No:

+91 3369110036

Start from

01-12-2024

Old assignments

Project Name

Lab construction

Client

Manipal Hospitals

Location

#72, 4th cross
banashankari
Bangalore 560018

Report to

Mr. Alok Shenoy

Contact No:

+91 3369110036

Start from

01-8-2024

Assignments

Documents

Me

Bridging Tradition with the Digital World

Srimaata was a project centered around translating the deeply rooted philosophy of Garbha Samskara into a meaningful and accessible digital experience. Led by Dr. Lakshmi N Prasad, an Ayurvedic specialist with years of expertise and impactful outcomes, the challenge was not only building a website but also thoughtfully presenting ancient wisdom, maternal care, and holistic practices in a way that resonates with modern audiences. Design Katte worked closely on shaping the content, simplifying and structuring complex ideas into a more approachable experience while maintaining authenticity. We developed the branding, interactions, and digital experience around themes of nature, care, and subtle spirituality, carefully balancing traditional values with a modern and science-aligned presentation.

<https://srimaata.in/>



HOME ABOUT SERVICES CONTACT MY ACCOUNT

CALL: +91 94822 90747

Nurturing Life Through Ancient Wisdom

At Srimaata, we guide expectant mothers on a sacred journey of Garbha Samskara – blending Ayurveda, rituals, thoughts, and mindful practices to nurture not just the body, but the mind and soul of the baby. Rooted in ancient Indian texts, our care begins before birth, shaping emotional, intellectual, and spiritual wellbeing from the womb itself.

Book An Appointment



Flows Beautifully Across Prenatal To Postnatal Care.

From Womb to World, With Wisdom



For Couples Planning Pregnancy

Garbha Samskara begins even before life takes form. Through couple counselling, rituals like *Garbhādhāna*, and mindful living, we prepare your mind and body for conscious



For Expecting Mothers (All Trimesters)

Each stage of pregnancy brings new needs. Through curated diet, breathing practices, yoga, and ancient rituals, we guide you week by week – from the first flutter to final readiness.



Service Selection

Please select a service for which you want to schedule an appointment

Questions?
Call (+91) 94822 90747 for help

Available Services

	For Couples Planning Pregnancy	₹3000INR
	For pregnant mothers	₹3000INR
	Garbha Samskara Sessions (Āhāra, Vihāra, Vichāra, Samskāra)	₹1,0000INR
	For Post-Pregnancy Recovery	₹3000INR

Summary

Checkout →

For Couples Planning Pregnancy

May 23, 2026, 11:30 am - 11:50 am

Location Ashwini Ayurveda (Online consultation) 

Customer Aravinda Devaramane 

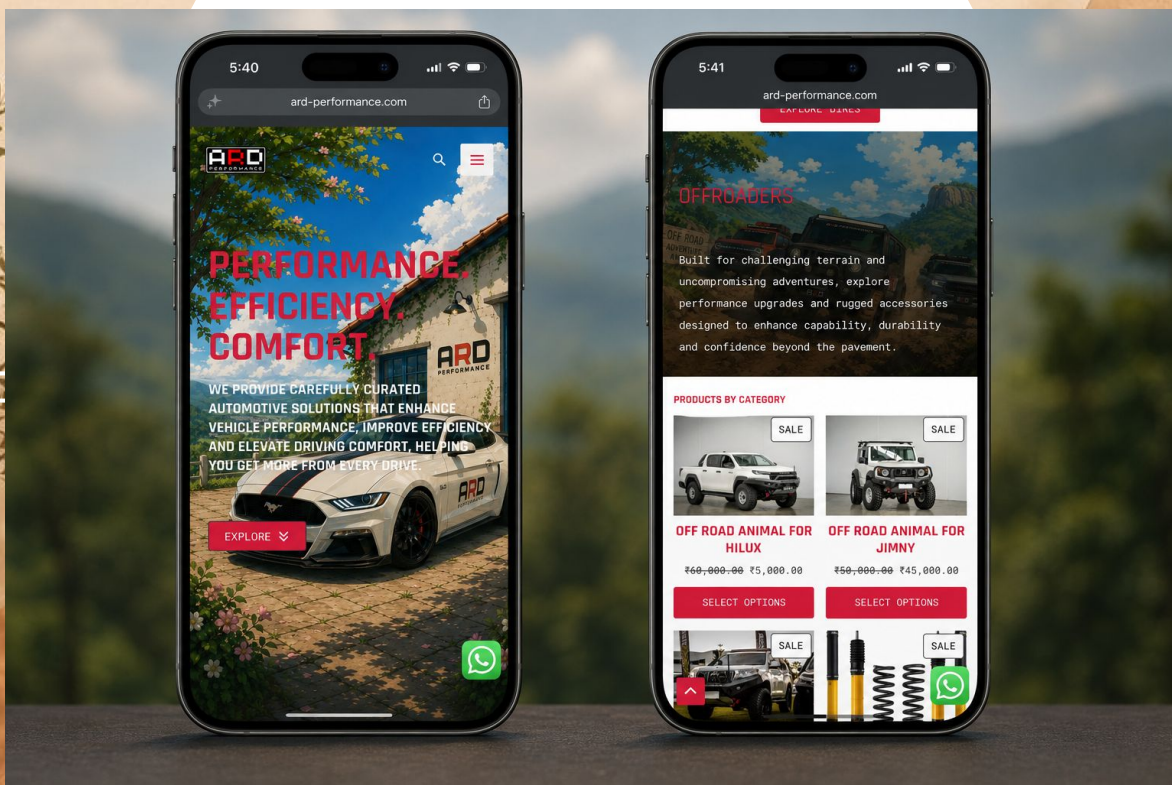
COST BREAKDOWN

For Couples Planning Pregnancy	₹3000.00INR
Total Price	₹3000.00INR

Powering a High-Performance Digital Marketplace

ARD Performance is a performance tuning company based in Mysore and Bengaluru, specializing in vehicle tuning, performance upgrades, and aftermarket automotive components. Design Katte was entrusted with designing and developing a scalable digital platform that combines an e-commerce marketplace with a multi-vendor ecosystem. Built on WordPress to meet the client's budget and timeline, the platform enables vendors to manage their own stores, upload products, and handle inventory independently. By leveraging the flexibility of the WordPress ecosystem and carefully selected plugins, we delivered a robust, cost-effective solution that supports both ARD Performance's services and its growing marketplace.

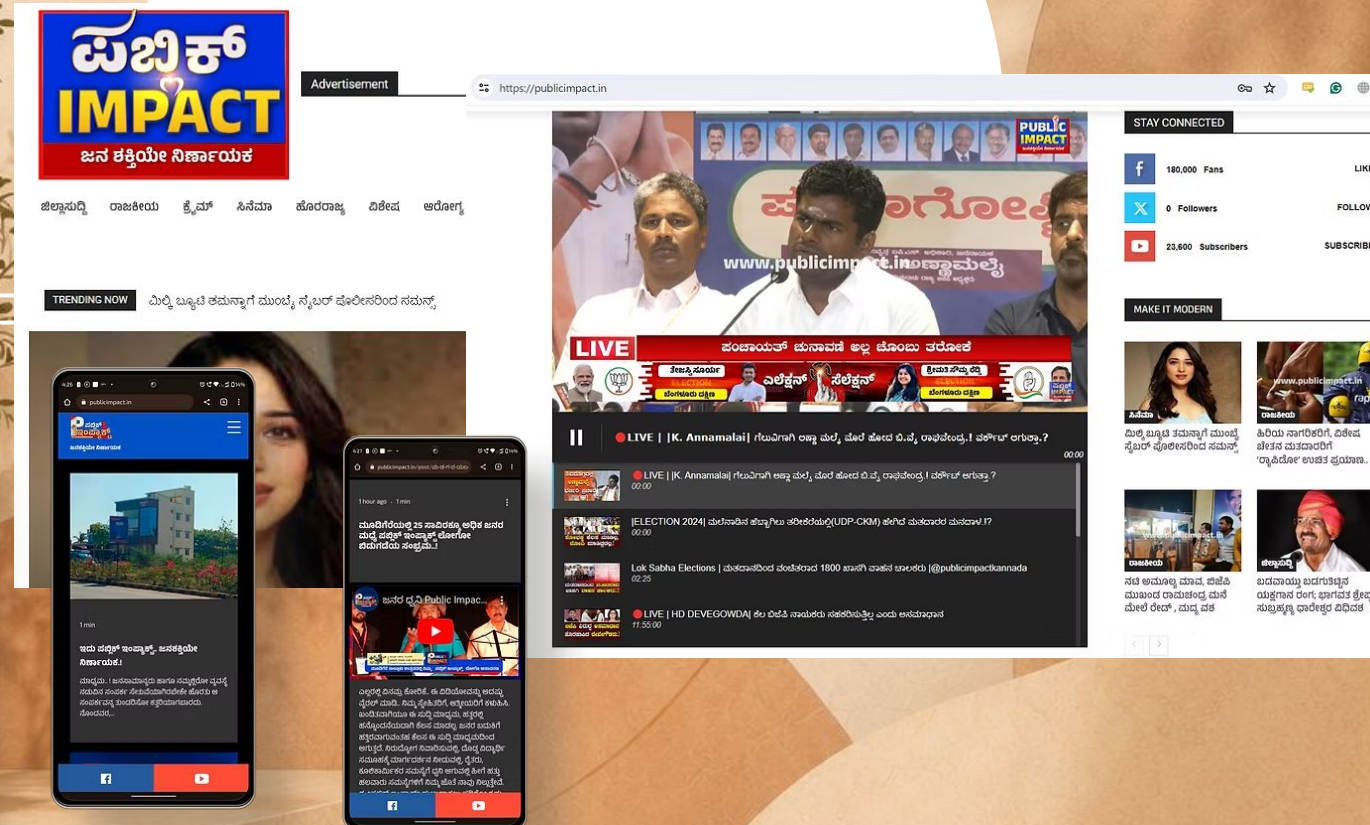
<https://ard-performance.com/>



Reimagining the Digital News Experience

Public Impact is a digital news platform created to deliver transparent and unbiased news content for the Kannada-speaking community. At Design Katte, we worked closely with the team to shape a user experience aligned with evolving news consumption habits, where mobile devices have become the primary medium of access. Through research-driven design and development, we created a mobile-first ecosystem with seamless integration of YouTube content and social platforms to maximize reach and engagement. The platform evolved from an interactive news-card experience focused on readability and accessibility to a more scalable content ecosystem powered by WordPress, supporting monetization, content management, and stronger integration with the brand's growing digital presence.

<https://publicimpact.in/>



Reimagining the Indian Kitchen Experience

The Devaramane Kitchen is a concept developed by Design Katte that rethinks kitchen design through the lens of Indian cooking habits and user comfort. While modern kitchens brought mobility and convenience, they also introduced long hours of standing—often leading to physical strain during the preparation of complex Indian meals. Inspired by the strengths of traditional Indian kitchens, we explored a more human-centered approach by bringing back the comfort of seated cooking in a modern form. The concept features knee-height counters, a height-adjustable rotating stool for improved ergonomics, and mobile modular storage units that can move effortlessly within the kitchen space. By blending traditional wisdom with contemporary functionality, the project aims to create a more comfortable, adaptable, and user-focused kitchen experience.



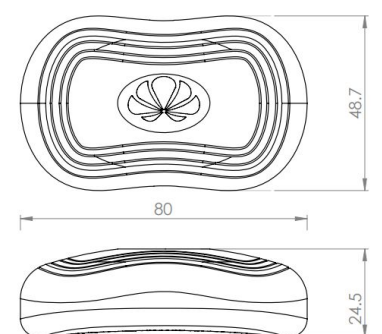
Designing Better Everyday Experiences

This project for Pankajakasthuri focused on rethinking an everyday wellness product through the lens of ergonomics and usability. Hair oiling is an important personal ritual for many, yet the experience often involves issues such as poor grip, messy application, and lack of control. At Design Katte, we led the complete industrial design process, from user research and ergonomic studies to developing manufacturable product geometry. The concept explored custom scalp applicators and an improved bottle form designed for comfort, control, and ease of use. As manufacturing considerations evolved, the design was adapted to integrate cost-effective components while preserving usability, balancing thoughtful design with practical real-world constraints.



Reimagining Everyday Wellness Products

This project for Pankajakasthuri focused on redesigning a familiar everyday product through a human-centered approach to industrial design. Rather than treating soap as a purely aesthetic object, Design Katte explored how small usability challenges—such as slippery handling, excessive melting, and product wastage—could be improved through thoughtful design. The project involved end-to-end industrial design and engineering, beginning with user behavior studies and ergonomic analysis to develop a form that offers better grip, improved water drainage, and enhanced usability. From concept development and CAD modeling to prototyping and manufacturing support, the design balanced functionality, production feasibility, and a visual language that reflects Ayurvedic heritage with a clean, contemporary identity.



Reinventing the Chai Experience

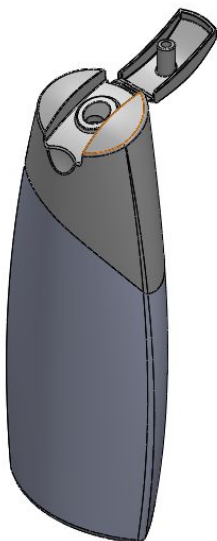
This project involved the design of an automated machine that recreates the authentic experience of brewing traditional Indian milk chai. Unlike conventional tea vending systems that rely on premixes or tea bags, the machine boils fresh ingredients to capture the aroma, flavor, and ritual of homemade chai. I contributed to the complete product development, including both the industrial design and user interface, ensuring the machine is intuitive, visually distinctive, and suitable for standalone operation with only a power connection. The result is a product that blends traditional tea-making with modern automation and convenience.



Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

Modernizing a Trusted Ayurvedic Brand

This project involved redesigning the shampoo packaging for KP Namboodiris, a well-established name in Ayurvedic hair care, with the goal of enhancing shelf presence while preserving the brand's heritage. I contributed across the entire product development process—from concept generation and engineering to manufacturing support—designing a family of 100 ml and 200 ml bottles that share a common cap to reduce production costs. The final design blends contemporary aesthetics with cues inspired by Ayurveda, creating a distinctive product range that feels both modern and true to the brand's legacy.



Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

Creating Strong First Impressions

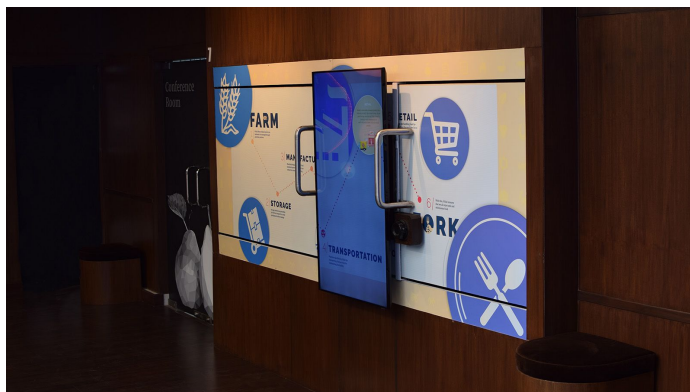
Signage is often the first physical touchpoint between a brand and its audience, making it a critical element of brand identity. I have designed signage systems for a variety of brands, balancing visibility, aesthetics, and real-world manufacturing considerations. Each project required careful attention to proportion, materials, lighting, and installation to ensure the final outcome not only captures attention but also communicates the brand effectively in its built environment.



Developed at: Icarus Design, Bangalore
Role: Industrial Design Lead

Designing Interactive Experiences

Interactive installations bridge the gap between the physical and digital worlds, transforming passive displays into engaging user experiences. I have designed a wide range of interactive systems—including touch-enabled kiosks, pick-and-place tables, Kinect experiences, VR and AR installations, rotoscopes, and other immersive exhibits—for clients across multiple industries. Working closely with engineers, software developers, and fabrication teams, I ensure that every installation is intuitive, reliable, and seamlessly executed from concept through deployment.



Developed at: Digital Jalebi, Bangalore
Role: Industrial Design Lead

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