VELORIX Technologies

PORTFOLIO

VISHAL SRIVASTAV - FOUNDER & CEO

WHAT WE DO

MVP Development (4–6 weeks)
Mobile apps (Flutter / React Native)
Web Platforms (Next.js / React)
Backend systems (Node.js, APIs, Firebase)
AI-powered applications

SELECTED PORTFOLIO PROJECTS

VeloriX PainRelief – Healthcare Ecommerce App
MRPurna Veggie – Hyperlocal AgriTech Delivery App
VLSI4Freshers – VLSI Learning & Career Development Platform
SOULDEAR – AI Emotional Companion Backend System
ORAKELIS - AI Powered Personal Reflection Platform
DocPort – Healthcare Appointment & EMR System
MedTrack – Medication Reminder & Adherence App
Foodiez – HyperLocal Food Delivery MVP

VELORIX TECHNOLOGIES
https://www.velorixtech.com/
Building MVPs & AI-powered apps for startups

VELORIX PAINRELIEF

Our own Digital PainRelief Ecom MVP App

Industry	Healthcare & Ecommerce
Platform	Mobile App MVP (Flutter)
Google Play Store Link	**App Store Link**
Project Duration	Ongoing since July 2023

Overview

VeloriX PainRelief is a digital healthcare platform offering premium pain-relief products, expert guidance, and future wellness features like guided exercises and progress tracking.

Objective

To build user-friendly mobile platform that offer trusted pain-relief products and expert pain management resources, while laying the foundation for future personalized assessments and exercise tracking.

Our Approach

We used Flutter to build the mobile app and Firebase Firestore to handle data in real time. Our main focus was to make the app secure, easy to use, and fast. We also worked on smooth navigation, a responsive design, and safe login so users can trust the platform and enjoy a hassle-free experience.

Features Developed

- Premium product listing and detail pages with secure checkout
- Expert-written blog section with SEO optimization
- User authentication with Firebase Auth and Firestore security rules
- Razorpay integration for secure payments
- Shiprocket courier API for automated order fulfillment
- Hassle-free return & support management
- Admin panel for content & product management

Technologies & Tools Used

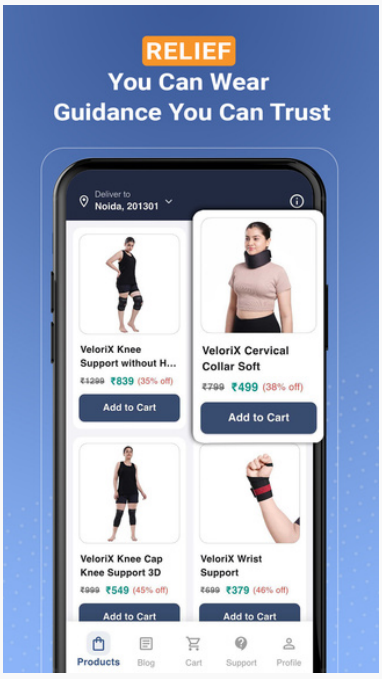
- Flutter
- Node.js/Express.js
- Razorpay
- Figma (UI)
- Firebase
- Render Deployment

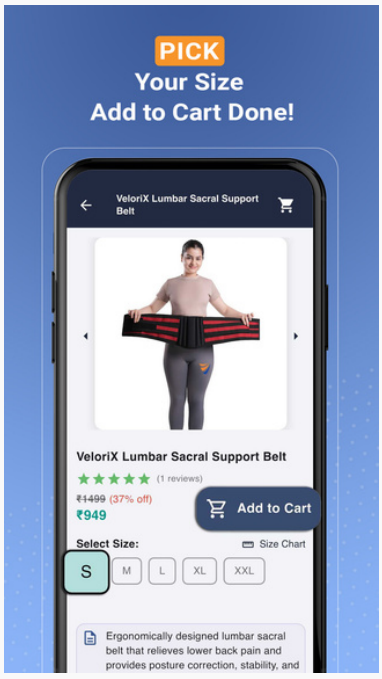
Key Challenges Solved

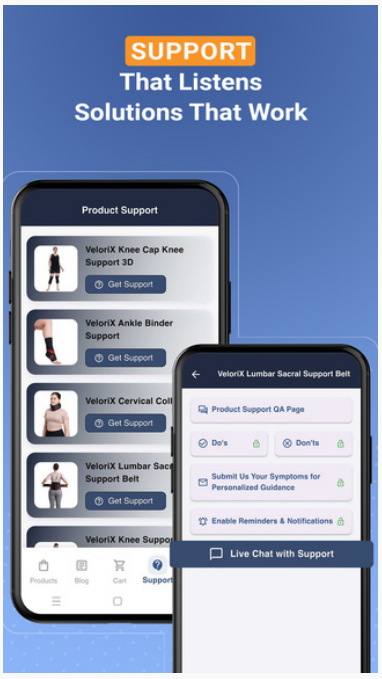
- Designing an intuitive UX for users across all age groups (from youth to elderly)
- Building trust through authenticated blogs & expert-backed content
- Ensuring reliable payments & logistics integration with external APIs
- Optimizing app performance for faster UI load times and smooth navigation

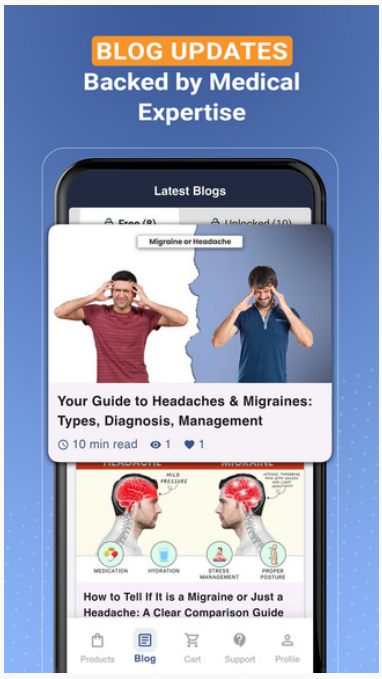
Results / Business Impact

- Successfully launched on Google Play Store with **885+** downloads and keep growing.
- Achieved **94+** 5-star ratings, highlighting strong customer satisfaction and continue.
- Established a scalable foundation for future features like pain tracking and guided exercises.
- Improved online presence through SEO blogs, driving organic traffic and building brand trust









MRPURNA VEGGIE

Local Vegetable Delivery Platform
(Mobile App + Admin Panel)

Industry	Hyperlocal AgriTech Ecommerce
Platform	Mobile App (Flutter) + Admin Panel
Project Duration	Ongoing since Oct 2025
Client Location	Gurugram (MRPurna Pvt. Ltd.)
Google Play Store Link	App Store Link

Overview

MRPurna Veggie is a hyperlocal vegetable delivery platform connecting customers with fresh farm-sourced produce within a 5 km radius, featuring a customer mobile app and an admin panel for seamless operations.

Results / Business Impact

- Successfully launched on Google Play & App Store
- Enabled digital transformation of a local vegetable business
- Reduced manual order handling and operational friction
- Built a scalable foundation for future expansion (multi-location / delivery scaling)

Features Developed

Customer Mobile App

- OTP-based login
- Product catalog with categories & dynamic pricing
- Cart & seamless checkout (Online + COD)
- Address & delivery management
- Real-time order tracking & history
- Push notifications
- Coupon & discount system

Admin Panel (Mobile)

- Product & inventory management
- Order tracking & status updates
- Revenue analytics dashboard
- Coupon management system

Our Approach

We developed a cost-efficient Flutter-based MVP with real-time capabilities, focusing on smooth user experience and simple admin operations. Key priorities included optimized checkout, reliable order tracking, and an easy-to-manage admin panel.

Key Challenges Solved

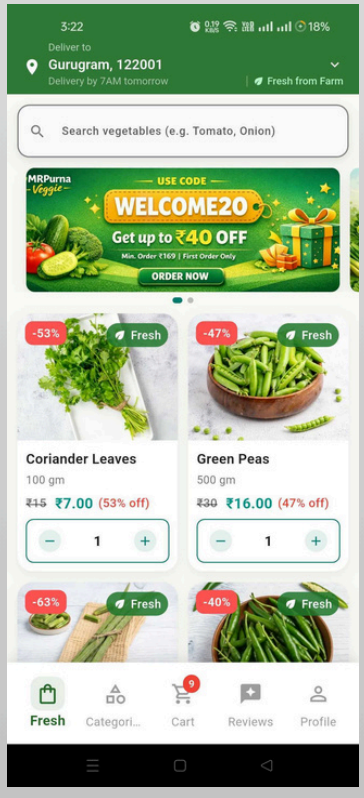
- Designing a simple UX for local users with minimal tech familiarity
- Managing real-time order status updates with low infrastructure cost
- Supporting dual payment modes (COD + Online) reliably
- Building an admin system usable by non-technical staff

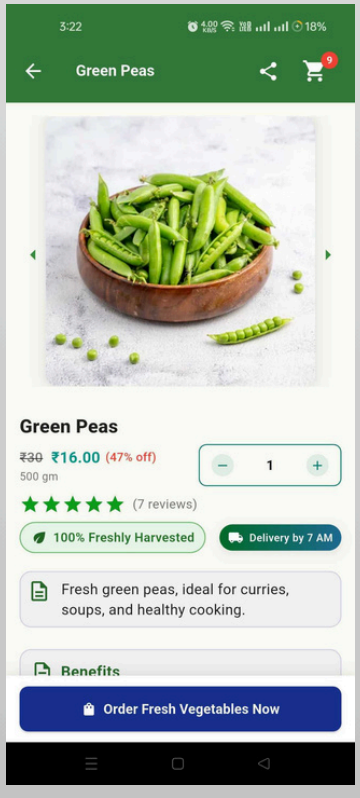
Objective

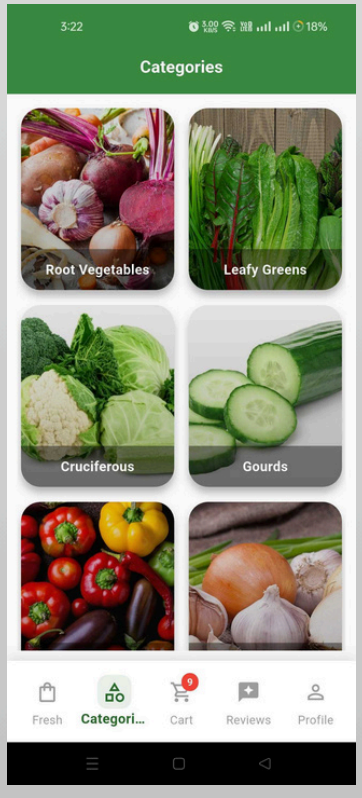
To develop a scalable MVP that enables customers to order fresh vegetables easily, while allowing the business to manage inventory, orders, and deliveries efficiently, and quickly validate local market demand.

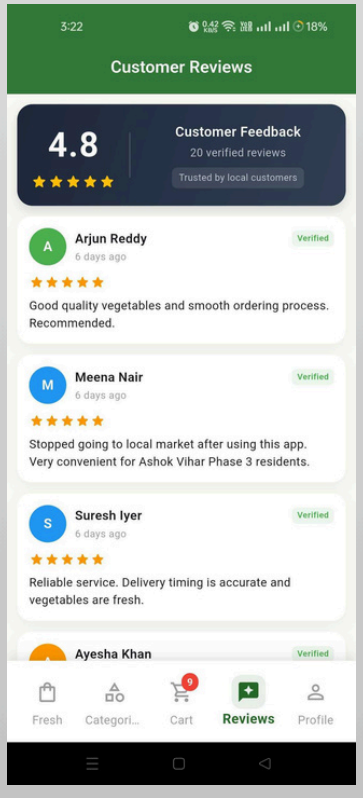
Technologies & Tools Used

- Flutter
- Node.js/Express.js
- Razorpay
- Figma (UI)
- Firebase
- Xcode









VLSI4FRESHERS

Modern VLSI Learning & Technical Blogging Platform

Industry	EdTech / Semiconductor Learning
Platform	Web Application (Next.js)
Website	**Link to Check Website**
Project Duration	Ongoing since Dec 2025

Overview

VLSI4Freshers is a specialized semiconductor learning platform designed for VLSI students, freshers, and professionals. The project involved transforming a legacy Blogger-based website into a modern, scalable, and SEO-optimized platform with an improved reading experience, advanced search capabilities, and structured technical content management.

Objective

To migrate an established VLSI blogging platform from Blogger to a modern web architecture while preserving existing content, improving user engagement, enhancing search visibility, and creating a premium experience for students and semiconductor professionals.

Features Developed

Content Platform

- Complete migration from Google Blogger
- Dynamic blog rendering system
- Topic-wise technical content organization
- Interview question repository
- VLSI roadmap and career guidance section
- Rich content support (code blocks, diagrams, figures, references)

User Experience

- Modern responsive UI
- Fast page loading with Next.js
- Dark mode support
- Advanced content search
- Mobile-first design
- Structured navigation system

Platform & Backend

- Firebase Firestore integration
- Secure authentication system
- Google Sign-In
- Dynamic content management
- Scalable database structure
- Vercel hosting & deployment

SEO & Performance

- SEO-friendly URL structure
- Server-side rendering
- Metadata optimization
- Improved page performance
- Search-engine-friendly content architecture

Our Approach

VLSI4Freshers serves the semiconductor engineering community by providing VLSI interview preparation materials, technical blogs, topic-wise learning resources, and career guidance content.
The client's original platform was built on Google Blogger, which had limitations in scalability, content organization, user experience, and future feature expansion.

Key Challenges Solved

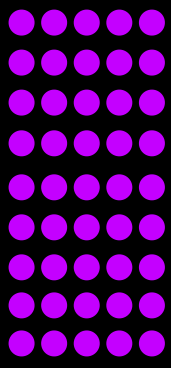
- Migrating large amounts of legacy Blogger content
- Preserving content structure while modernizing the UI
- Designing a scalable content architecture
- Supporting technical content including code snippets and diagrams
- Optimizing SEO without losing existing content value
- Creating a responsive experience across desktop and mobile devices

Results / Business Impact

- Successfully transformed a legacy Blogger platform into a modern web application
- Improved website performance and user experience
- Established a scalable foundation for future platform growth
- Enhanced content discoverability through improved navigation and search
- Created a professional brand presence for the VLSI learning community
- Enabled easier maintenance and future feature development

Technologies & Tools Used

- Next.js
- React.js
- Firebase Firestore
- Firebase Authentication
- Vercel Deployment
- CSS Modules
- Figma (UI Design)
- Google Analytics
- SEO Optimization



Visit the Live Platform: Website Link

Built with Next.js, Firebase, and Vercel to deliver a fast, scalable, and premium learning experience for the VLSI community.

SOULDEAR

AI-powered backend with emotional memory & subscription system

Industry	AI / Mental Wellness / HealthTech
Client Location	France (Baiira LLC, USA Entity)
Project Duration	~8-10 Weeks (MVP Development)
Platform	Backend System (Mobile App Infrastructure)
Live System	**Backend API deployed and actively running Health Endpoint**

Overview

SOULDEAR is an AI-powered emotional companion application designed to provide users with a safe, empathetic, and continuous conversational experience during vulnerable moments.
VeloriX Technologies was responsible for building the entire backend architecture, including AI integration, emotional memory systems, and subscription handling for a production-ready MVP.

Our Approach

We designed a modular, API-driven backend architecture with a strong focus on AI behavior control and emotional continuity. Instead of treating AI as a simple API call, we built a controlled AI system with:

- Structured prompt orchestration
- Memory layers for context retention
- Server-side emotional safety enforcement

The system was engineered to be production-ready, scalable, and compliant with app store requirements.

Results / Business Impact

- Delivered a production-ready backend MVP within ~8-10 weeks
- Enabled a stable, emotionally consistent AI experience
- Built a scalable foundation for future AI improvements and growth
- Ensured App Store-compliant subscription and backend architecture

Technologies & Tools Used

- Node.js (TypeScript)
- PostgreSQL (via Supabase)
- RESTful API Architecture
- AI/LLM Integration (OpenAI-compatible APIs)
- Apple App Store & Google Play Billing APIs

Objective

To develop a secure, scalable, and emotionally consistent backend system that enables:

- Continuous AI conversations across sessions
- Stable and empathetic AI behavior
- Secure user data handling
- Reliable subscription-based access control

Key Challenges Solved

- Designing AI memory architecture without storing excessive raw data
- Maintaining emotional continuity across sessions
- Enforcing safe and predictable AI behavior server-side
- Handling secure subscription validation (Apple & Google)
- Building a scalable backend for AI-heavy workloads

Features Developed

Backend Core System

- Secure authentication (email/password + session handling)
- User profiles & personalization system
- Scalable REST API architecture
- Secure API key and environment management

AI & Conversation Engine

- Session-based conversational memory
- Long-term emotional memory (summarized user context)
- AI response orchestration with structured prompts
- Context continuity across multiple sessions

Emotional Safety System

- Server-side tone enforcement
- Guardrails to prevent harmful or dependent AI behavior
- Safe fallback responses for sensitive scenarios
- Consistent empathetic response design

Subscription & Access Control

- Apple App Store subscription integration
- Google Play Billing integration
- Server-side receipt validation
- Subscription state tracking (active, expired, grace period)
- Feature access control based on subscription status

ORAKELIS

AI-Powered Symbolic Self-Reflection Platform

Industry	AI • Personal Growth • Wellness
Platform	Cross-Platform Mobile App (FlutterFlow)
Google Play Store	Link to Download
Project Duration	~8-10 Weeks (MVP Development)
Client Location	Switzerland (Baiira LLC, USA Entity)

Overview

ORAKELIS is an AI-powered mobile app that helps users gain personal insights through symbolic reflection and AI-generated interpretations, promoting self-awareness and personal growth.

Objective

Build a premium AI-powered reflection platform with secure authentication, subscriptions, and a seamless cross-platform mobile experience.

Technologies & Tools Used

- FlutterFlow
- Supabase
- RevenueCat
- OpenAI-compatible AI APIs
- Google Play Console
- App Store Connect
- Figma (UI/UX)

Features Developed

- AI-generated symbolic reflections with personalized insights
- Context-aware AI interpretation for self-reflection
- Secure authentication with seamless user management
- Premium subscription system using RevenueCat
- Personal reflection history and saved readings
- Cross-platform mobile experience (Android & iOS)
- End-to-end deployment to Google Play & TestFlight
- Elegant, responsive UI with a smooth user experience

Our Approach

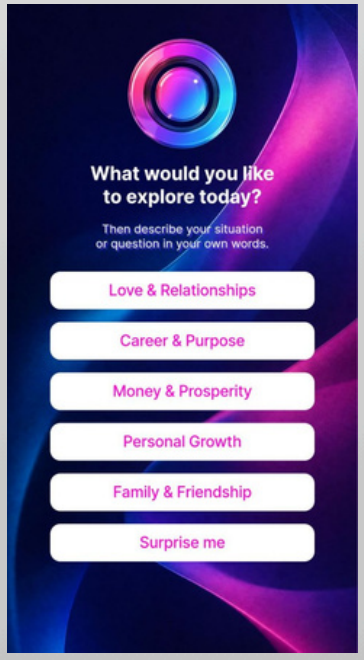
We combined FlutterFlow for rapid frontend development with Supabase and modern cloud services to build a scalable mobile application. The focus was on creating a premium user experience, reliable subscription handling, secure authentication, and smooth deployment to both Google Play and the Apple App Store.

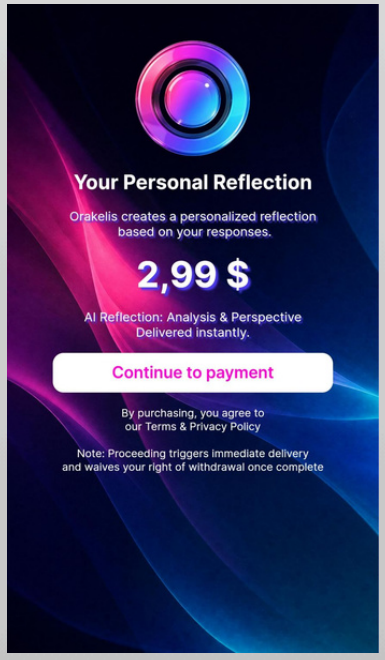
Key Challenges Solved

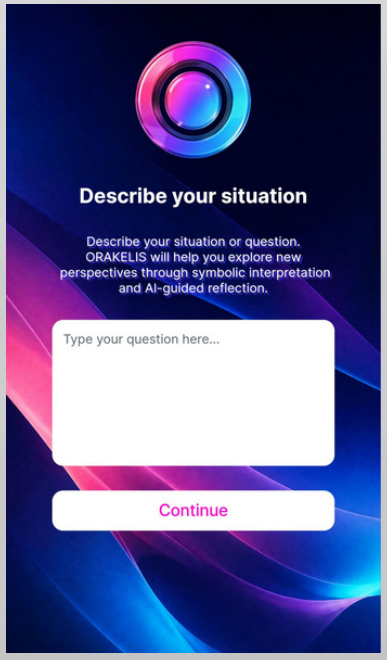
- Building a scalable AI-powered reflection experience
- Integrating secure cross-platform subscription management
- Managing Google Play and App Store deployment workflows
- Delivering a smooth and premium mobile user experience
- Creating a maintainable architecture using FlutterFlow and Supabase
- Ensuring production readiness across multiple release cycles

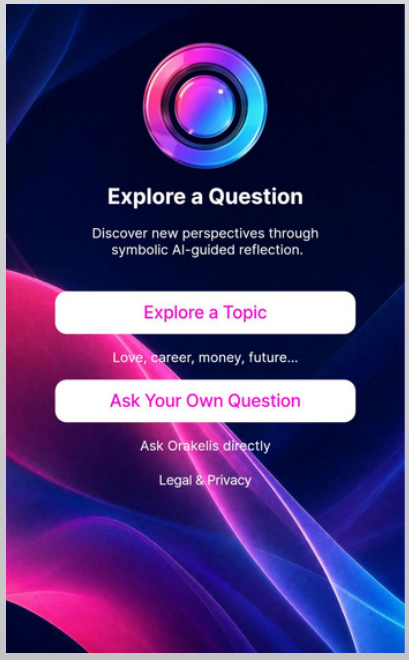
Results / Business Impact

- Successfully published on Google Play Store
- Production-ready MVP delivered
- Secure subscription infrastructure via RevenueCat
- Scalable backend powered by Supabase
- Established a strong foundation for future AI personalization and symbolic reflection features
- Ready for continuous feature expansion and user growth









DOCPORT

Healthcare Appointment & EMR System

Industry	Healthcare
Client Location	Toronto, Canada
Project Duration	3.5 Months
Platform	Web App (React) + Patient Portal

Overview

DocPort is a secure appointment scheduling and medical record platform for multispecialty clinics. It empowers patients and doctors with seamless access to bookings and EMRs.

Objective

To provide a centralized digital system for appointment booking, digital prescriptions, and patient data history across multiple clinics.

Our Approach

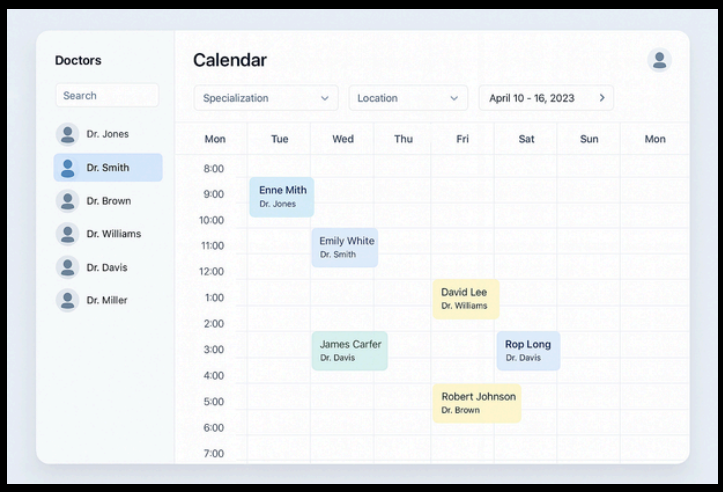
We worked directly with physicians to understand their workflow and created user personas. An intuitive dashboard for clinic staff and a simple patient portal were developed.

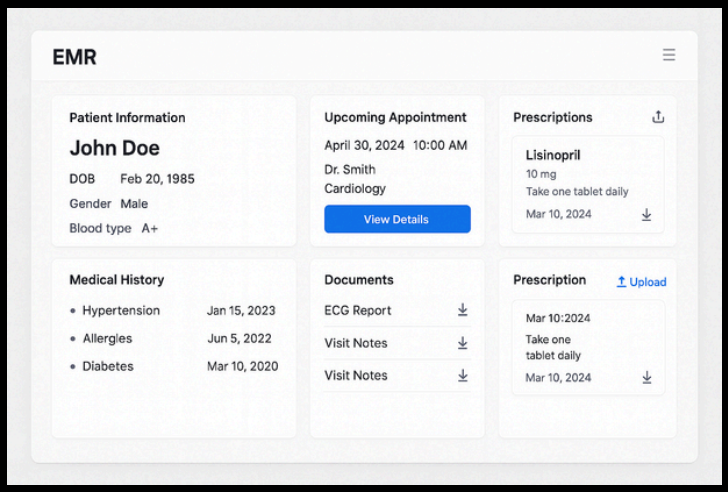
Features Developed

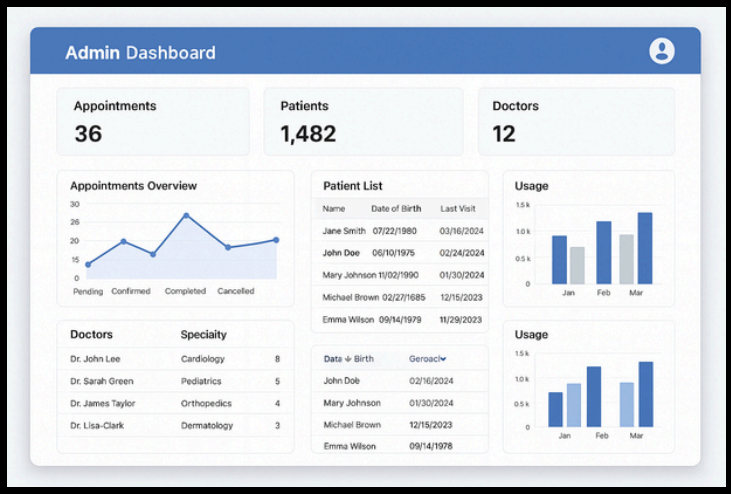
- Doctor-wise booking with available slots
- EMR upload/download per visit
- E-prescription generator with secure signatures
- Role-based dashboard: Doctor, Nurse, Admin
- Calendar integration
- Notifications for appointments/reminders

Technologies Used

React.js
Node.js
MongoDB
JWT
Socket.io







Key Challenges Solved

- Real-time slot blocking to prevent double bookings
- HIPAA & GDPR secure handling of patient data
- Designing clean UX for older, less tech-savvy users

Results / Business Impact

- Reduced no-shows by 35%
- Increased patient retention by 28% due to smoother EMR access
- Integrated with 5 clinics and 12 doctors within 2 months

MEDTRACK

Medication Reminder & Adherence App

Industry	HealthTech
Client Location	Munich, Germany
Project Duration	4 weeks
Platform	Mobile App (Flutter)

Overview

MedTrack is a personal medication management app for elderly and chronic patients to ensure timely pill intake and refill reminders.

Objective

Build an intuitive and lightweight reminder system with optional caregiver alerts.

Our Approach

User research focused on simplicity — we used large fonts, icons, and vibrations for notifications.

Features Developed

- Daily reminder with dosage/time
- Push & vibration alerts
- Refills alerts before 5-day stockout
- Caregiver mode to track adherence remotely
- Offline mode support

Technologies Used

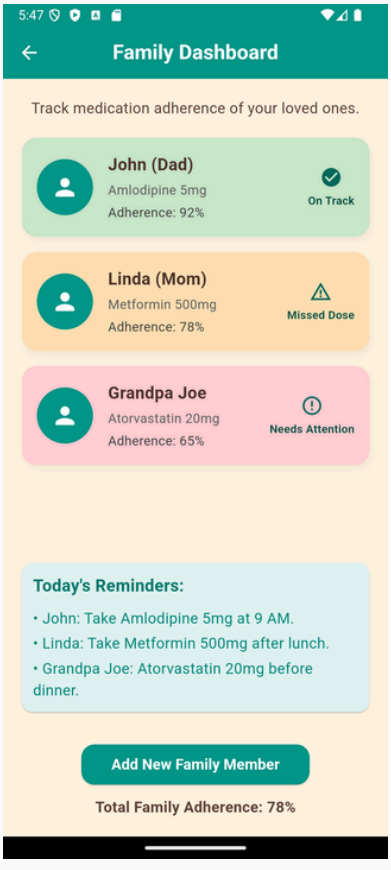
Flutter
Firebase Cloud Messaging
Local Storage

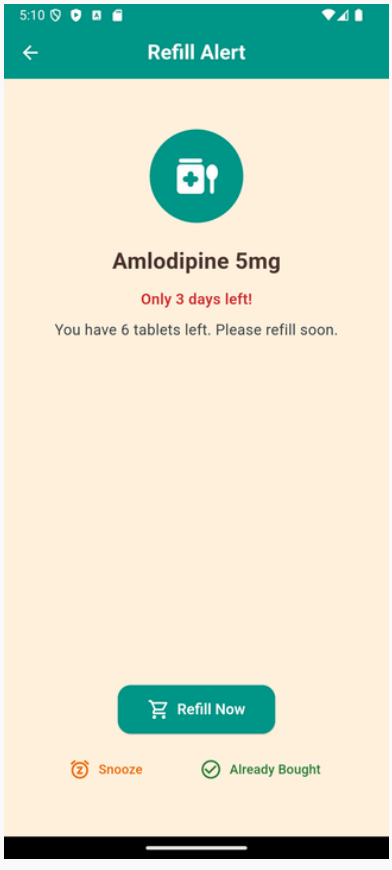
Key Challenges Solved

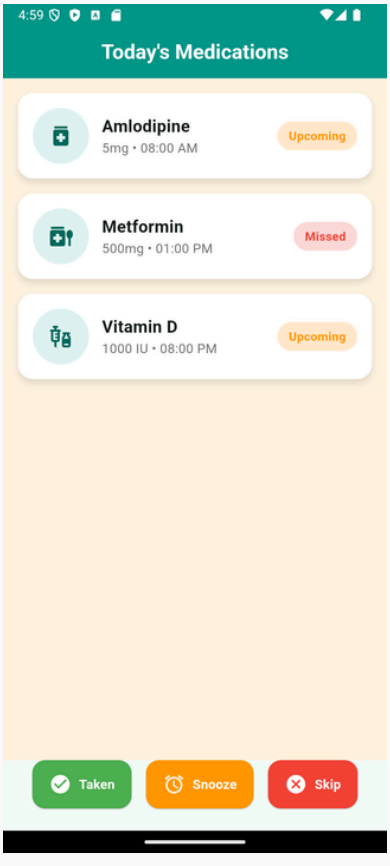
- Elderly-friendly UX (accessibility)
- Ensuring reminders even in Doze Mode
- Syncing with multiple caregiver devices

Results / Business Impact

- 90% adherence rate
- Increased refill purchases tracked via in-app analytics
- Partnered with 3 local pharmacies for pilot







FOODIEZ

Hyperlocal Food Delivery MVP

Industry	FoodTech
Client Location	Jaipur, India
Project Duration	6 weeks
Platform	Mobile App MVP (React Native)

Overview

A lightweight MVP for testing a food delivery idea targeting Tier-2 cities in India.

Objective

To build an MVP that could validate market demand quickly and allow the founder to onboard restaurants with minimal effort.

Our Approach

We used ready components with custom branding to reduce time. Firebase was chosen for real-time updates and quick backend logic. Delivered within 6 weeks using lean MVP principles.

Features Developed

- User login & real-time location
- Restaurant listing and food menu
- Cart & checkout with Stripe integration
- Order status and tracking
- Push notifications for order status

Technologies Used

React Native
Firebase
Stripe
Figma (UI)

Key Challenges Solved

- Reducing cost of backend infra for early MVP
- Designing intuitive UI without extensive budget
- Supporting 2 delivery zones with geo-fencing logic

Results / Business Impact

- 2 pilots launched in Kota and Ajmer
- Validated unit economics before Series A pitching
- Validated real market demand with 80+ restaurant onboarding in 30 days