DHARMESH KATARIYA

Flutter Developer

✉ katariyadharmesh658@gmail.com 📞 +91 63544 64371 📍 Sitaram society- varacha, Surat

🔗 https://dharmesh-portfollio-web-fdf8c.web.app/#/home 🔗 https://github.com/Dharmeshkatariya

in linkedin.com/in/dharmesh-katariya-63268b20b

🪪 SUMMARY

Skilled Flutter Developer with 3+ years of experience in building cross-platform applications for Android, iOS, Web, and Tablet. Expertise in developing responsive UI designs and implementing custom features for diverse project requirements. Proficient in state management using GetX and Bloc, and experienced in integrating RESTful APIs, Firebase, and Supabase backend services. Strong knowledge of full application deployment processes for both mobile and web platforms. Adept at translating business requirements into efficient, high-quality code with a focus on performance optimization and user experience.

💼 EXPERIENCE

Mtz infotech   09/2022 – 09/2023

- Developed and maintained cross-platform mobile applications for Android and iOS using the Flutter framework and Dart programming language.
- Worked closely with a team of developers, designers, and project managers to deliver functional and visually appealing mobile applications.
- Managed the iOS app upload process, including submission to TestFlight for testing and feedback.
- Created responsive web applications using Flutter, ensuring consistent functionality across different platforms.
- Developed custom Flutter plugins using native code to extend the functionality of the applications.
- Integrated RESTful APIs for data retrieval and storage, facilitating seamless communication between mobile apps and backend services.

Shree Software Solution   09/2023 – 09/2025

- Developed and maintained cross-platform mobile applications using Flutter framework and Dart programming language Collaborated with a team of developers, designers, and project managers to create functional and visually appealing mobile applications.
- Implemented responsive Ul designs and optimized application performance for various screen sizes and devices- Integrated RESTful APIs for data retrieval and storage, ensuring seamless communication between the mobile app and backend services
- fix software defects and performance issues. Utilized version control systems like Git and collaborated with the team on GitHub for efficient code management and collaboration

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🎓 EDUCATION

Gujarat Technological University   2020 – 2024
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Higher secondary school   2019 – 2020
Nutan vidhyapith

🧠 SKILLS

Flutter | Dart | State Management (Getx ,Bloc, riverpod) | Rest API | JSON parsing | Firebase

Jira | Local Database | Git, Github, Gitlab, BitBucket | Supabase | Push notification

📁 KEY PROJECT

DHASA-PATEL SAMAJ 🔗
Play Store: https://play.google.com/store/apps/details?id=com.dhasagam.patelsamaj 🔗
App Store: https://apps.apple.com/in/app/dhasa-patel-samaj/d66612236 🔗

Project Overview:

Developed a dedicated community application for the members of Dhasa Village to connect, share information, and access important resources. The app serves as a digital hub for community engagement and information sharing.

- Cross-Platform Development: Built a fully functional application for both Android and iOS using a single Flutter codebase.
- Member Directory:
- Personalized News Feed: Developed a secure system where only verified members can receive and view important community news and announcements (both good and bad news).
- Business Directory: Built a feature allowing members to add and showcase their businesses, creating a community-wide business directory.
- User Profiles & Management:
- Categorization System: Implemented user categorization (e.g., Business, Student, Family) for better organization and searchability.
- Dashboard & Banner Management: Created an admin dashboard for managing content, including updating promotional banners and featured information.

Technologies Used: Flutter, Dart, Firebase (Authentication, Firestore, Storage)

Vision Magazine - Daily News App 🔗
Play Store: https://play.google.com/store/apps/details?id=tw.com.gvm.dailynews 🔗

Key Features & Responsibilities:

- Cross-Platform Development: Built a high-performance news application using Flutter and Dart.
- REST API Integration: Seamlessly integrated with a RESTful API to fetch and display real-time news data from various international sources (e.g., New York Times, Fortune, Bloomberg).
- Dual View Modes: Implemented multiple viewing experiences for users:
- Page View: For a magazine-like reading experience.
- List View: For quickly scanning headlines.
- Advanced Pagination: Efficiently managed large datasets with pagination for smooth scrolling and optimized performance.
- Robust Search Functionality: Developed a comprehensive search feature allowing users to find specific news articles across the entire catalog.
- Content Rendering: Engineered a system to fetch, parse, and cleanly display HTML content within the app's mobile UI, ensuring articles render correctly.
- Social Sharing & Localization: Enabled easy sharing of articles and implemented localization features to cater to a wider audience.
- News Feed Management: Created a personalized and curated news feed to showcase top stories and latest updates.

Technologies Used: Flutter, Dart, REST API, HTML Rendering, Pagination, Localization

Mtz infotech website 🔗
- Technologles. Flutter. Dart. Firebase

- Developed a modern portfolio website for MTZ Infotech using Flutter and Firebase
- Created a fully responsive design that works well on mobile, tablet, and desktop devices
- Built the website to showcase the company's services, projects, and professional background
- Implemented adaptive layout techniques to ensure optimal viewing on different screen sizes
- Designed a clean user interface to display client work and testimonials effectively
- Used Flutter to maintain consistent user experience across all platforms
- Deployed the website using Firebase hosting for reliable performance

Roommatik App 🔗

Project Overview: Designed and developed a comprehensive Flutter-based application and website for Roommatik, facilitating modern room management, selection, and booking. The platform provides a seamless user experience across mobile and web with advanced authentication and filtering capabilities.

Key Features & Responsibilities:

- Cross-Platform Development: Built a single codebase application compatible with Android, iOS, and Web using Flutter and Dart.
- Advanced User Authentication:
- Room Management & Selection:
- Backend Integration & Hosting:
- QR Code Integration: Incorporated QR code functionality for features like quick room access or information sharing.
- Adaptive UI/UX: Applied flexible design principles and adaptive layout techniques to guarantee a consistent and user-friendly experience across all platforms and screen sizes.

Technologies Used:

Flutter, Dart, REST API, Firebase Hosting, QR Code Integration, Biometric Authentication

Viosa Learning App 🔗

- Developed a comprehensive Flutter-based application designed to revolutionize career development by leveraging Artificial Intelligence for resume building, personalized learning, and interview preparation.
- AI Mock Interviews: Built an interactive module that uses AI to conduct practice interviews, providing users with feedback and insights.
- User Profile Management: Created a complete user profile system where users can view and edit their personal information and preferences.
- Career Guidance: Integrated AI-driven tools to offer personalized career insights and guidance based on user profiles and goals.

Technologies Used:

- Flutter & Dart: For building a high-performance, cross-platform mobile application.
- REST API: For all communication with the backend server, AI models, and cloud services.
- WebView Plugin: To integrate and display external web-based content (like the resume builder) seamlessly within the app.
- PDF Downloading: Implemented functionality to save and download files locally to the user's device.

Khata App 🔗

- Dual Platform Application: A single codebase for both Android and iOS.
- Multi-Language Support: Full localization for English, Hindi, and Punjabi.

- Role-Based Access Control: Secure login with distinct permissions for Admin and Employee users.
- Mobile-First Authentication: User registration and login using a mobile number.
- Multi-User Management: Admins can add, edit, and manage multiple employees under one account.
- Comprehensive Product Catalog: Features to add, edit, and view a list of all products.
- Digital Ledger Management: Core functionality to record and track all Udhar/Jama (debit/credit) transactions.
- Advanced Data Filtering:
- Auto-Population of Data: Streamlined editing where forms are automatically filled with existing data for quick updates.
- User-Friendly UI/UX: A clean, intuitive, and responsive design for easy navigation and use.
- Help & Support System: Integrated Help, Contact Us, and Employee Details pages.

HelixDoc 🔗   2024 – 2025

Built a complete healthcare platform for patients, doctors, and clinic management using Flutter that handles the entire healthcare workflow from appointment booking to medical records management.

Modules Developed

User Management

- Implemented password reset functionality using secure, token-based verification links sent via email.
- Built a comprehensive admin panel for user management with activity monitoring capabilities.
- Created user profile management with photo upload and personal information editing features.
- Designed a role-based user creation system with configurable access permissions.
- Developed detailed user forms supporting name, gender, policy selection, group assignment, prefixes, and suffixes.
- Implemented a full user list with admin capabilities to change roles, reset passwords, and modify user status (active/inactive).
- Added user status management including locked user accounts, pending invitations, and activation controls.
- Created password management features including temporary password generation and secure email distribution.

Health Center & Customer Management

- Developed comprehensive customer profiles with health history tracking
- Created customer registration and editing system with validation
- Implemented search functionality by customer name, health center, and location
- Built customer allocation system across different health centers
- Developed practice selection system for service allocation
- Implemented financial detail management with transaction history
- Created working hours configuration with time slot management
- Built location-based filtering and reporting capabilities
- Designed responsive list views with customer and center statistics
- Created dynamic forms for adding/editing health center details
- Implemented location management with save/edit functionality
- Created dynamic UI for adding financial details, working hours, and operational information
- Added holiday management system for each health center location
- Built location hierarchy with main centers and branch relationships

Role & Permission

- Created dynamic sidebar navigation that automatically updates based on user roles and permission .

- Built a comprehensive permission checking system to control module access across the application.
- Implemented an admin interface for creating roles and assigning specific permissions.
- Designed role categories and role groups with tab-based list views featuring pagination and search.
- Developed duplicate role functionality
- Created permission management for all application modules (Health Center, Customer, Billing, History, etc.).
- Implemented four-level permission types for each module: View, Create, Update, and Delete.
- Ensured role permissions directly control UI element visibility and user accessibility throughout the system.

Appointment

- Developed real-time appointment booking with live doctor availability checking
- Built calendar synchronization across web and mobile platforms
- Implemented insurance verification and selection during booking process
- Added guardian/guarantor information capture for patient appointments
- Developed doctor search functionality with filtering and list views
- Created time slot selection system based on doctor availability
- Built date selection with calendar interface and blackout dates
- Implemented doctor slot management with saved availability templates
- Created rescheduling and cancellation alerts
- Developed comprehensive appointment list views with advanced filtering
- Created sorting by date, doctor, status, and patient fields
- Implemented status tracking (scheduled, confirmed, completed, cancelled, no-show)
- Built rescheduling and cancellation features with approval workflows
- Added patient-side and provider-side appointment handling
- Created navigation to appointment lists after booking completion
- Developed calendar views and list views for appointment management
- Built advanced search and filter capabilities for appointment tracking
- Implemented status-based filtering and sorting options

Billing & Payments

- **Payment Processing**
- Built multiple payment method support (bank transfer, credit/debit cards, digital wallets)
- Developed payment gateway integration for secure transaction processing
- Implemented split payment functionality allowing multiple payment methods per bill

- **Wallet System**
- Developed wallet balance feature for both patients and providers
- Implemented wallet top-up functionality using various payment methods
- Created transaction history tracking for all wallet activities

- **Bank & Card Management**

- Built secure bank account registration and verification system
- Developed credit card storage with encryption and tokenization
- Implemented saved payment methods for quick checkout
- Created payment method management interface for users

- **Advanced Features**
- Developed comprehensive billing history with advanced search and filtering
- Implemented service categorization
- Designed responsive billing dashboard for both patients and providers
- Implemented list views with action icons (view, edit, delete, print)
- Developed detailed bill view pages with complete transaction information
- Created advanced filters (by patient, provider, date range, status, amount)
- Built bookmarkable UI states for frequently accessed billing pages
- Implemented multi-status tracking (pending, paid, failed, refunded, partially paid)

- Developed payment retry functionality for failed transactions

Patient Chart Management

- Built comprehensive patient chart system for complete medical records management
- Created patient chart list view with advanced pagination and search functionality
- Developed multi-user selection for collaborative patient care
- Implemented detailed patient profile views with full medical history
- Implemented multi-format export functionality (PDF, XML, HTML)
- Developed print support with customizable formatting options
- Built download management for patient documents and reports

Policy Management

- Built a comprehensive policy creation system with version control and change tracking
- Developed a rich text editor for terms and conditions with full formatting options
- Created policy templates for different services and consent requirements
- Designed policy list view with advanced filtering (by status, date, type)
- Added pagination and search functionality for large policy databases
- Implemented status management (active/inactive) with easy toggle controls
- Built policy preview system before publishing
- Implemented automated effective dating for policy versions

Face Meet Module

- Built complete meeting lifecycle management (create, join, complete, cancel)
- Developed meeting creation with name, date, time, duration fields
- Created participant management with invitation system
- Implemented meeting status tracking (scheduled, ongoing, completed, cancelled)

Meeting List & Navigation

- Designed intuitive meeting list view with today/tomorrow/week filters
- Implemented advanced search by participant, provider, location, date range
- Added pagination for large meeting databases
- Created detailed meeting view with full participant and schedule information

Video Conference Features

- Integrated video meeting functionality using WebRTC technology
- Developed multi-participant grid layout with active speaker focus
- Implemented camera/microphone toggle controls (on/off)
- Added screen sharing capabilities for presentations
- Built host controls for participant management
- Integrated interactive whiteboard for real-time collaboration
- Developed note-taking system with save and share functionality
- Created chat feature for text communication during meetings
- Added file sharing capabilities within meetings
- Designed responsive meeting interface for web and mobile
- Created participant list sidebar with status indicators
- Implemented meeting recording indicators and controls
- Built intuitive controls for layout switching (grid, focus, speaker view)

Resido 🔗

I developed Resdio, a complete property management app that helps landlords and property managers handle their properties, tenants, and business operations efficiently.

Property Management Module

Property Management

- Developed complete property listing with search and pagination
- Created add/edit property forms with auto-population and validation
- Built action-based interface (view, edit, delete) for each property
- Implemented customer-specific property assignment and management

Location Management

- Designed location addition under properties with full details
- Created location list views with filtering and sorting
- Built location-based navigation and organization

Building Management

- Developed building addition system under locations
- Created building list views with save/edit functionality
- Implemented building-specific details and configurations

Floor & Unit Management

- Built floor management system under buildings
- Developed unit creation and management within floors
- Created hierarchical navigation (Property → Location → Building → Floor → Unit)
- Implemented auto-population for efficient data entry

- **User Interface & Experience**

- Designed tab-based navigation for easy browsing between sections
- Created clean forms with validation and auto-save features
- Built intuitive list views with action buttons and quick filters

Data Management

- Developed centralized lookup data management system for all application types
- Created comprehensive management for gender types (Male/Female/Other)
- Built appointment status tracking (Scheduled, Completed, Cancelled, No-Show)
- Implemented reason status management for cancellations and changes
- Designed schedule type configuration and management
- Implemented version control for critical lookup data
- Created dependency management between related data types

User Management

- Implemented password reset functionality using secure, token-based verification links sent via email.
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- Implemented four-level permission types for each module: View, Create, Update, and Delete.
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Technical Implementation

App Structure
- Screens: Clean Dart screens for each feature
- Logic Controllers: GetX controllers for business rules
- Dependency Management: Efficient system connections
- Reusable Components: Custom widgets for consistent design

Key Features
- Mobile and web responsive design
- Secure login with password recovery
- Dashboard with quick property overview
- Role-based access security
- Easy navigation between features

This project shows my ability to create complete, professional applications with clean architecture, good security, and user-friendly interfaces for property management