HARSH M SHAH

MOBILE APPLICATION DEVELOPER

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Professional Summary

Mobile Application Developer with 3.5+ years of experience in Flutter, delivering high-performance apps for Android and iOS. Skilled in building scalable, maintainable applications with clean architecture. Proficient in Firebase, REST APIs, Riverpod, and third-party integrations including Google Maps and social login. Delivered 15+ apps including marketplace, utility, and educational platforms with 100K+ users. Seeking challenging roles to contribute and grow in a tech-driven environment.

Work Experience

Flutter Developer
Sanshray IT Solutions LLP – Jan 2025 to Present

- Working as a full-time Flutter Developer responsible for building high-performance mobile applications with a focus on educational, communication, and real-time data-driven solutions. Delivered multiple end-to-end apps from architecture to App Store deployment.

Flutter Developer
Kody Technolab LTD – Dec 2021 to Dec 2024

- Worked as a cross-platform mobile application developer using Flutter. Contributed to full lifecycle development —from MVP to release—for multiple B2B and B2C products, including robotics, fintech, and e-learning apps.

Education

Gujarat Technological University

Bachelor of Engineering (Computer) | 2017 - 2021
CGPA: - 9.32 | 10.00

🛠 Technical Skills

💙 Flutter Development

- Advanced UI design (responsive/adaptive screens)
- In-App Purchases, Stripe & Razorpay integration
- Audio/Video Streaming
- Voice & Video Call SDKs: Telnyx, ZegoCloud, Twilio

🔄 State Management

- Riverpod, Provider, GetX

🗃 Local Storage & Databases

- Hive, Shared Preferences, Get Storage, Sqflite

🔗 API Integration

- RESTful APIs using Dio and HTTP
- Repository & Model-based architecture
- Local caching and Postman-based testing

📍 Maps & Location Services

- Google Maps SDK
- Live Location Tracking
- Background Geolocation Services

🔐 Authentication & Social Logins

- Firebase Authentication
- OAuth & Social Logins: Google, Apple, Facebook, Twitter, LinkedIn

Project Worked on

👔 MOM – HR Management System (HRMS)

Flutter • Laravel • GETX • Location Tracking • Background Services

- Worked on performance improvements, feature expansion, and bug fixing for an existing HRMS product.
- Implemented critical modules like manager access control, automatic check-in/out, and location tracking using background services.
- Integrated Google Maps for real-time attendance monitoring and geo-fencing.
- Used GETX for efficient state management and reactive UI updates.
- Enhanced usability and compliance across employee self-service, onboarding, and leave management features.
- 👉 [Android](#) | [iOS](#)

⛰️ Utah Avalanches – Avalanche Forecasting App

Flutter • Riverpod • GPS • Camera Integration • Offline Caching

- Independently designed and developed the full mobile app for the Utah Avalanche Center.
- Used Riverpod for clean and reactive state management.
- Integrated REST APIs for avalanche risk levels, real-time weather forecasts, and user-submitted field reports.
- Built a custom **inclinometer tool** using camera feed and animation for slope analysis.
- Added offline caching for remote usability, emergency contact quick access, and deep links.
- 👉 [Android](#) | [iOS](#)

📺 Medan TV – Religious Video Streaming App

Flutter • BunnyNet • Paystack SDK • Firebase

- Developed an OTT-style streaming platform for a gospel-based organization.
- Integrated video player with live viewer count, deep linking, and Paystack for donation payments.
- Enabled real-time commenting and engagement during live broadcasts.
- 👉 [Android](#) | [iOS](#)

🐄 Karuna Care – Animal Welfare Donation App

Flutter • Firebase • IAP • Live Streaming

- Joined as a freelance developer to fix critical bugs, deploy builds, and improve app UX.
- Handled deployment pipelines and ensured in-app purchases were restricted, as per client focus.
- Integrated Karuna Coins for food donations during live streams from shelters.
- Built Gaushala-side features: registration, stock management, and payout wallet system.
- 👉 [Android](#) | [iOS](#)

🛍️ Country Kart – Multi-Service Marketplace App

Flutter • Laravel • Firebase • One-to-One Chat

- Developed a comprehensive service booking platform for home, relocation, beauty, and automotive services.
- Integrated Firebase Auth and custom chat features for real-time customer-provider interaction.
- Created intuitive UI for service discovery, scheduling, and review systems.
- Ensured seamless booking and transparent pricing with 24/7 support tools.
- 👉 iOS

🐾 Blupaws – Pet Wellness & Video Consultation App

Flutter • Node.js • Twilio Video SDK

- Built a pet-care marketplace supporting vet appointments, grooming, and live video consultations.
- Integrated Twilio Programmable Video for real-time vet calls.
- Added shopping, appointment tracking, and voice/video support.
- 👉 Android | iOS

⚡ EV Charging Suite

Flutter • Firebase • Wallet Payment Integration • Google Maps

- Built multiple EV charging apps with dynamic map integration and real-time station monitoring.

🟢 iCarica

- Supported 10,000+ EV charging stations across MENA (Jordan, Egypt, UAE).
- Real-time station status, live charging sessions, remote start/stop, and wallet payments.
- 👉 Android | iOS

🔵 CERO

- Multi-partner EV network management app with auto-updating availability status and historical charging logs.
- 👉 Android | iOS

🟠 Chargesol

- Helped build public-private EV charging integration with dynamic pricing and session analytics.
- 👉 Android | iOS

🔴 Wuerth EV App

- Built for Wuerth India Pvt Ltd, enabling smart charging for EV fleets with live tariff tracking, in-app navigation, wallet integration, and IAP.
- 👉 Android | iOS

📚 ScholarCafe – AI-Powered Educational App

- Developed a productivity platform for students and professionals using Flutter and Laravel backend.
- Integrated ChatGPT, Google Translate (20+ languages), and AI-based OCR Calculator and scientific calculator.
- Built modules for note-taking, group discussion (with report handling), speech-to-text/text-to-speech, and paint canvas.
- Exported custom charts and presentations to editable image content with local storage.
- Optimized UI for interactive learning and accessibility.
- 👉 Android | iOS

🔐 Calling Vault – Secure Communication App

- Developed an end-to-end secure calling and messaging app using Flutter, Telnyx WebRTC SDK, and Laravel backend.
- Integrated encrypted calling/messaging, anonymous U.S. numbers, and call blocking features.
- Used Riverpod for scalable state management and reactive UI updates.
- Ensured compliance with privacy standards and built remote access handling via Firebase.
- 👉 Android | iOS

🤖 Dasher / Odigo – Robotics Companion App

- Worked on a cross-platform app suite (Android, iOS, Web, Desktop) for Robot Operating System (ROS)-based hardware.
- Fixed bugs, improved performance, and maintained code stability across versions.
- Contributed to building the Flutter-ROS bridge for real-time robot communication.
- Integrated Java-based backend services with multi-platform Flutter frontends.
- Supported multi-module deployment and version compatibility for web and mobile users.

📚 Xandria – Digital Library App

- Developed an eBook and audiobook platform with epub reader and audio streaming support. Collaborated in early MVP phase with a 3-member team; later led solo development and feature expansion.
- Integrated in-app purchases, Dogecoin-based payment system, and deep linking across the app.
- Implemented Riverpod for modular state management and socket-based 1:1 chat for book clubs.
- Created immersive UI for a virtual artifact museum with 3D object rendering.

📱 TakeProfit – Cryptocurrency Analysis Platform

- Developed a subscription-based cryptocurrency analytics app using Flutter and Laravel backend.
- Integrated real-time pricing via third-party APIs for tracking profit/loss, stop-loss, and auto-trade triggers.
- Implemented multilingual support, dark/light theme, and secure login with Firebase Auth.
- Designed scalable architecture for two user roles: Recommenders and Traders, supporting custom signal generation and insights.
- Delivered production-ready app across Android & iOS platforms.
- 👉 [Android](#) | [iOS](#)

🚨 Crimechime – Crime Reporting & Safety App

Flutter • Laravel • Google Maps API

- Developed for South African users to report crimes and view incident heatmaps in real-time.
- Integrated custom map markers, clustering, and dynamic zone visualization based on crime types.
- Enabled quick incident reporting with location tagging and authority collaboration.
- 👉 [Android](#)

Professional Certification

- **Certificate Course in Flutter (08/2021 - 11/2021)**

  Flutter App Development Course Organized by ILDC.
  Training initiative of IndiaNIC Infotech Ltd.

- **Responsive web design (05/2021 - 06/2021)**

  Responsive web design developer certification, representing approximately 300 hours of coursework by freecodecamp.org.

- **Py4e- python for everybody(06/2020 - 08/2020)**

  Programming for everybody (getting started with python) university of Michigan and offered through coursera.

Academic Project

Famito - The family social network (05/2020- 05/2021)

- "Famito" is a social network android application for the person who want to communicate with their family members.
- User can create their profile, can set their position in family tree, upload their daily routine, create posts by uploading pictures, videos, and captions, create or schedule the events of family, watch the current location of their family members, add members which are in their families, chat with other users and many other features too.

Digital Solar Based Visibility of Speed Breaker at Roadside (01/2020 - 02/2021)

- Project is selected under government scheme of soic (student open innovation challenge) organized by ssip.
- Digital indicator placed on the roadside to indicate the speed breaker for the vehicle drivers and helps to reduce accidents which happened due to poor visibility of speed breakers & dividers, especially in night.