

# HEMAL RAMANI

## FLUTTER DEVELOPER

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### Professional Summary

Results-driven and detail-oriented Flutter Developer with 3 years of hands-on experience in building high-performance, scalable, and visually appealing cross-platform mobile applications. Proficient in Dart and well-versed in state management solutions like GetX, Provider, and BLoC. Adept at integrating RESTful APIs, Firebase services, and third-party packages to deliver seamless user experiences. Strong understanding of UI/UX principles, responsive design, and app performance optimization. Committed to writing clean, maintainable code and collaborating effectively in agile development environments. Proven track record of delivering production-ready apps and publishing them to the Play Store and App Store.

### Skills

Teamwork	Problem-solving
Time management	Teamwork and collaboration
State Management [GetX, BLoC]	Flutter Widgets & Custom UI Design
Payment Gateway Integration	Play Store & App Store Submission
Firebase	Flutter Dev Tools
Git & GitHub/GitLab	Responsive UI Development

### Work History

**Flutter Developer**, 04/2023 to Current

**Elegance Infolab** – Ahmedabad, India

- Developed and maintained high-performance cross-platform mobile applications using the Flutter framework.
- Integrated RESTful APIs and third-party services to enhance app functionality and user experience.
- Debugged and resolved performance bottlenecks, crashes, and bugs in existing code.
- Designed and implemented user-friendly interfaces based on UI/UX specifications, ensuring consistency and responsiveness across both iOS and Android.

**Android & Flutter Developer**, 09/2022 to 04/2023

**Devkrushna Technology** – Ahmedabad, India

- Gained hands-on experience in designing and developing robust, user-friendly Android applications using Java and Kotlin. Built applications that performed efficiently across a wide range of devices and Android versions.

**Android Developer Trainee**, 11/2021 to 07/2022

**TOPS Technologies** – Rajkot, India

- Enhanced user experience by designing and implementing intuitive Android applications.

## Education

**Bachelor of Computer Applications**: 07/2021 to 09/2024

**Suarashtra University** - Rajkot, India

- 7.2 GPA/CGPA

**GSEB HSC**: 06/2019 to 05/2021

**Aruni School** - Sanathali

- Final Grade: 99.44 P.R.
- Kabaddi Player for [Aruni Team](#), 2019 to 2021

**GSEB SSC**: 06/2018 to 04/2019

**Aruni School** - Sanathali

- Final Grade: 97.27 P.R.

## Projects

**TripWyz - Trip Planner App**

*Role: Sr. Flutter Developer*

*Technologies: Flutter, Firebase, AWS Authentications, Google Maps API, Rest APIs*

*Duration: January-2024 – Present*

- Developed a mobile app that allows users to plan trips, discover new destinations, and organize itineraries.
- Integrated **Google Maps API** for location-based services, including the use of **polylines** to visualize travel routes.
- Implemented **Firebase Realtime Database** for real-time chat, allowing users to communicate with fellow travelers.
- Integrated **Firebase Push Notifications** to keep users informed about trip updates, new destinations, and reminders.
- Transitioned from **Firebase Dynamic Links** to **App Links** for better app deep linking functionality (since Firebase Dynamic Links will soon be deprecated).
- Designed a **complex UI** with a custom layout to ensure an engaging and intuitive user

experience.

- Designed a user-friendly interface to enable easy trip creation, destination recommendations, and travel tracking.
- Optimized app description for Play Store, resulting in a higher search ranking and increased visibility.
- Implemented features such as customizable itineraries, budget tracking, and collaborative trip planning.
- Deployed the app on both iOS and Android platforms with an average rating of 4.6 stars.

#### **App Links:**

- Google Play Store :- <https://play.google.com/store/apps/details?id=com.tripwyz.app>
- App Store :- <https://apps.apple.com/in/app/tripwyz-trip-planner-app/id6639612042>

### **Clock Me On - Employee Attendance App**

*Role: Sr. Flutter Developer*

*Technologies: Flutter, Google ML Kit, SQFlite, Dart*

*Duration: February-24 – April-2024*

- Developed an employee attendance app using **Flutter** to allow employees to register and track their attendance via facial recognition.
- Integrated **Google ML Kit** for facial recognition, enabling secure and accurate user authentication.
- Implemented a system where employees register their face during onboarding, and the data is stored locally in an **SQFlite** database for offline access.
- Designed a feature where employees scan their face to start or end their shift, ensuring that only the correct user can log their attendance.
- Stored and verified face data securely to ensure data privacy and efficient real-time recognition.
- Developed a seamless user interface with Flutter, ensuring smooth performance across Android and iOS devices.
- The client was extremely satisfied with the functionality and praised the innovative use of AI for improving attendance tracking.

### **OneWeb - Flutter Web Application**

*Role: Sr. Flutter Developer*

*Technologies: Flutter Web, HTML, CSS, JavaScript, iFrame, Payment Gateways*

*Duration: January-2024 – Present*

- Developed a **Flutter Web** application with a **responsive UI**, allowing seamless access across various devices and screen sizes.
- Designed and implemented a versatile platform for purchasing, with the client using it as a white-label solution for multiple industries (e.g., ordering food, ticket purchases, etc.).
- Customized the platform's branding, ensuring it could be adapted for different clients with unique business needs.

- Integrated **three different payment gateways** (NMI Payment Gateway, CardConnect Payment Gateway, USAePay Payment Gateway) using **iFrame** and custom **HTML/CSS/JavaScript** to ensure secure and smooth transactions.
- Focused on ensuring flexibility for the client, enabling them to offer tailored payment options to their users.
- Implemented **web cookies** functionality to fetch data from the server using cookies, enhancing the app's ability to manage user sessions and provide personalized content.
- Delivered a smooth, user-friendly experience, which was praised for its adaptability and design.

## **Petmeet: Dating & Friends App**

*Role: Jr. Flutter Developer*

*Technologies: Firebase, Flutter, Rest APIs*

*Duration: June-2024– October-2024*

- Developed **Petmeet**, a unique dating app designed for pet owners, connecting users through their shared love for pets.
- Implemented **card swipe functionality**, similar to traditional dating apps, enabling users to easily browse and match with potential partners who share a love for pets.
- Integrated **Firebase Realtime Chat**, allowing users to engage in instant messaging and build connections with fellow pet enthusiasts.
- Incorporated **push notifications** to keep users engaged with updates on new matches, messages, and relevant app activities.
- Developed a **subscription flow**, offering different tiers for users, such as **Silver Paws & Golden Whiskers**, with features like unlimited swipes, profile visibility, and an ad-free experience.
- Focused on creating a secure and enjoyable user experience by ensuring data privacy and integrating safety features for communication and transactions.
- The app was well-received by users for its pet-centric community and easy-to-use interface.

## **Cotec - Power Monitoring App**

*Role: Jr. Flutter Developer*

*Technologies: Flutter, BLE (Bluetooth Low Energy)*

*Duration: 5-6 Months*

- Developed **Cotec**, a mobile app that connects to a **BLE (Bluetooth Low Energy) device** to monitor and display power levels from high-voltage electricity cables.
- Designed a **circular gauge** (similar to a speedometer) within the app to visualize the power levels (high voltage, low voltage, etc.) in real-time.
- The app allows electricians to stay safely on the ground while using a long stick with the BLE device to check power levels at power stations, without the need to climb dangerous towers.
- The app provides an efficient and safer alternative to traditional methods, reducing the risk of accidents by eliminating the need for climbing electrical towers.
- Focused on providing a user-friendly interface to allow electricians to easily monitor power

levels and take necessary actions without putting themselves at risk.