

# Harikrishna Manoj

Flutter Developer

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## ABOUT ME

Specializing in Flutter development, expertise lies in crafting cross-platform mobile applications that prioritize exceptional user experiences. Dedication to staying current with industry trends drives focus on producing top-tier, user-centric software that seamlessly merges functionality with aesthetics. This commitment to excellence ensures delivering high-quality solutions tailored to meet the evolving needs of users in today's dynamic mobile landscape.

## PROJECTS

### Projects at Maninfini Automation Pvt Ltd

#### Game of Giving Apps

Contributed in an innovative initiative focused on redistributing surplus resources to benefit underprivileged communities. Leveraged the GoG mobile apps to list and donate usable items, promoting sustainability and social impact. Earned Reward Points for contributions, referrals, and active participation, fostering a culture of generosity and environmental responsibility.

#### Giver App - Play store - [Giver](#)

Empowers individuals and entities to donate surplus goods and services to those in need. Features include listing items, matching with NEEDY, tracking donations, and earning Reward Points for contributions.

#### Needy App - Play store - [Neddy](#)

Designed for less-privileged individuals and organizations to receive surplus goods and services. Enables users to browse available donations, connect with Givers, and award Reward Points in return.

#### Mentor App - Play store - [Mentor](#)

Supports Mentors in promoting the initiative by engaging GIVERS and NEEDY. Provides tools to onboard participants, track outreach efforts, and build networks to expand the program's impact.

## Personal Projects

### HRX Store - E-Commerce application

Play store - [HRX Store](#) GitHub - [HRX Store](#)

Developed a feature-rich e-commerce application with essential functionalities such as wishlist, shopping cart, product categories, secure payment gateway, user authentication and a user-friendly interface. In parallel, an HRX Admin application was created to streamline management processes and cater to administrative tasks effectively.

- **Authentication** - Utilizing [Firebase Authentication](#) for authentication means users can sign in using email/password or Google accounts securely and [Forgot password](#) feature.
- **Storage** - [Firebase Firestore Database](#) and [Firebase storage](#) are harnessed for efficient organization

and storage of products, orders, wishlist, cart management within the app.

- **Payment gateway** - The app incorporated **Razorpay integration** for secure payment processing, ensuring a safe and convenient transaction experience.
- **Architecture** - Implemented **Bloc** pattern to organize and enhance the scalability of the app.
- **Technologies used** - **Flutter Framework, Dart, Firebase, Bloc, Razorpay**

### Rhythm Music Player - Offline music player

Play store - [Rhythm](#)

GitHub - [Rhythm](#)

Conceptualized, designed, and developed a feature-rich offline music player application. Implemented a sleek and user-friendly interface, providing seamless navigation and an engaging user experience.

- **Features** - The app offers features including **volume controller**, dedicated **play screen** for immersive music playback, a **mini player** for uninterrupted browsing, **search screen** for easy usage and comprehensive lists such as **Most Played, Playlists, Favorites and Recent tracks** for effortless organization and playback management.
- **Storage** - Implementation of **Hive Database** for fast and smooth data handling.
- **Architecture** - Implemented **Bloc** pattern to organize and enhance the scalability of the app.
- **Technologies used** - **Flutter Framework, Dart, Hive, Volume controller**

## SKILLS

**Proficient** - Dart, Flutter, Firebase, Hive, REST APIs, GraphQL, OOPs, SQL, Data Structure, Git,

Payment Gateway

**State Management** - Bloc, Provider, GetX

**Architecture** - Clean architecture, MVC, SOLID principle

**Tools** - GitHub, Cursor AI, VS Code, Android Studio, Figma, ChatGPT, Codemagic, Davinci Resolve, Photoshop, Adobe Premiere Pro

## EXPERIENCE

### Flutter Developer

Jun 2024 - Nov 2024

Maninfini Automation Pvt Ltd, Bangalore

### Flutter Developer Intern

Nov 2023 - Feb 2024

Prototype, Ernakulam

## EDUCATION

### Mobile Development Using Flutter

Nov 2023 - Feb 2024

Prototype, Ernakulam

### Diploma In Electronics And Communication Engineering

2018 - 2021

Govt Polytechnic college, Kalamassery

**CGPA : 8.04**