

AMAL JOSE

FLUTTER DEVELOPER

☎ +91 8078158827 | ✉ amaljvattakkunnel@gmail.com | 🌐 LinkedIn | 🏠 GitHub | 📁 Portfolio

PROFILE SUMMARY

Highly motivated and self-taught Flutter developer with a passion for creating visually appealing and user-friendly mobile applications. Possessing a strong foundation in object-oriented programming and an ability to quickly adapt to new technologies.

TECHNICAL SKILLS

Programming Languages	: Dart, C
Framework	: Flutter
State Managements	: Bloc, GetX, Provider, Riverpod
Databases	: Hive, SQFlite, Firebase
Dev Tools	: Git, GitHub, Visual Studio, Android Studio, Figma
Familiar with	: HTML, CSS, Bootstrap, Java
Expertise	: OOPS, Debugging, REST API, HTTPS, UI Designing

PROJECTS

Edu Plan | Dart, Flutter, Bloc, Firebase, Razorpay

[Amazon App Store](#) | [GitHub](#)

Edu Plan is a school management application designed to simplify administrative tasks, enhance communication and streamline educational processes. This unique platform features three distinct user roles: **Admin, Teacher and Student** each with tailored functionalities to cater to their specific needs.

- Teachers can take attendance, assign tasks like homework and track student submissions effortlessly.
- Communication is streamlined through in-app **Chat** functionality using **Firebase**, enabling direct interaction with students and parents for effective communication.
- Students, on the other hand, benefit from the convenience of accessing academic resources, submitting assignments, analyzing academic and fee details, paying fees securely and submitting leave requests for approval, all within the Edu Plan platform.
- As part of Edu Plan's teacher interface, facilitated **Fee management** through seamless integration with **Razorpay**, ensuring secure and convenient fee transactions for students and parents.
- Edu Plan optimizes its application architecture by implementing the **Bloc pattern** for state management.

HabitsOn | Dart, Flutter, Hive, GetX, Local Notifications

[Amazon App Store](#) | [GitHub](#)

HabitsOn is a habit tracker app designed to promote healthier lifestyles by facilitating the establishment and maintenance of positive habits.

- This user-centric application offers plenty of features, including customizable habit creation with preset options, flexible scheduling adaptable to individual routines and effortless habit management through easy updates, deletions and resets.
- Used **Flutter Local Notifications**, these notifications are designed to enhance your user experience by providing timely updates and relevant information.

- Driven by insightful analysis, users can track their progress through intuitive **Charts**, gaining valuable insights into habit continuity, completion rates and **Streaks**. The inclusion of time-tracking features such as a **Timer and Stopwatch** enhances productivity by allowing habit completion based on time constraints.
- Used **Hive Local database** for storing user data on the device, ensuring efficient data storage and retrieval.

MINI PROJECTS

Note App | Dart, Flutter, GetX, Django(Backend)

[GitHub](#)

NoteApp is a versatile note-taking application designed to streamline the process of capturing, organizing and accessing personal and professional notes.

- Used **HTTPS** methods and **Python Django** as the backend.
- Implemented **GetX** for efficient state management, ensuring seamless data flow and enhanced user experience.

Crypto Currency App | Dart, Flutter, Bloc

[GitHub](#)

- Successfully replicated a Crypto application by leveraging data from Coingecko (Crypto Database).
- Implemented **Bloc** for efficient state management, ensuring seamless data flow and enhanced user experience.

Netflix Clone | Dart, Flutter, TMDB

[GitHub](#)

- Successfully replicated a Netflix application by leveraging data from TMDB (The Movie Database).
- Leveraged the HTTP package in Flutter for making HTTP requests.
- Utilized REST API for data retrieval.

EXPERIENCE

Testing Machine Operator

July 2022 - January 2023

Smile Electronics

Bangalore

- Operated Automated Test Systems (ATS) and Automated Test Equipment (ATE) to conduct comprehensive testing of electronic components, ensuring adherence to quality standards and specifications.
- Conducted High Voltage testing procedures with a focus on safety and accuracy, ensuring the reliability and performance of electronic devices.

EDUCATION

Mobile App Development using Flutter

2023 - Present

Brototype, Calicut

Diploma in Electronics and Communication Engineering

2019 - 2022

KMCT Polytechnic College, Calicut

CGPA : 8.11