KATHIRAVAN K

Software Engineer

Chennai

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PROFILE SUMMARY

A dedicated and detail-oriented Flutter Developer with 2 years of experience in developing cross-platform mobile applications for Android and iOS. Holding a BE in Computer Science, I have successfully delivered 4 client projects to the Play Store and App Store. Skilled in Flutter, Dart, Bloc, GetX, Cubit, and UI/UX design using Figma. Experienced in creating reusable components, optimizing code, and collaborating with QA and backend teams for testing and API integration. I follow agile methodologies like Scrum for efficient team coordination and have mentored junior developers. Recognized with 3 SPOT awards for outstanding UI implementation and delivering high-quality apps that exceeded client expectations.

PROJECTS

•Athics

Trainer/member app with authentication, slot and assessment booking, diet/workout plans, and fitness vitals tracking.

- Built using Flutter and Dart with GetX for state management and modular architecture.
- Deployed successfully on Play Store; explored custom Dart packages and implemented reusable UI components.
- Member Features: assessment booking with trainers, gym branch switching via slot booking, day-wise diet and workout plan views with auto-completion status updates.
- Trainer Features: attendance management, workout assignment, assessment handling, branch switch management, and workout level monitoring for members.
- Collaborated with QA for testing and backend team for API integration and requirement gathering.
- Technology Used: Flutter, Dart, GetX, REST API, Figma.

•Medyaan Community Medicine

Community healthcare app enabling family adoption programs by medical students to support rural health.

- Developed for medical students to manage family medical records and treatments as part of social service.
- Enabled treatment tracking per individual with profile and vitals management.
- Used Hive local storage to ensure offline data access and sync in rural areas with limited connectivity.
- Focused on digitization of healthcare data to prevent loss and improve accessibility.
- Technology Used: Flutter, Dart, Hive, REST API.

•Africa Healing Foundation

A nonprofit health and development app reducing health inequalities in Africa and the UK.

- Provides free access to blogs on health, education, agriculture, and mental wellness.
- Searchable symptoms feature with treatment, precaution, and food guidance.
- Includes education tips, agriculture procedures, and AHF event updates via blog notifications.
- Implemented user account creation/deletion with email login.
- Focused on high-level, user-friendly UI using GetX for seamless navigation.
- Technology Used: Flutter, Dart, GetX, REST API.

•Medyaan Health

Dental health app for viewing scan reports, booking appointments, and managing referrals.

- Implemented mobile number authentication with international country code using Flutter and Bloc.
- Enabled doctor-wise appointment scheduling with time/date selection, cancellation, rescheduling, and status-based filtering.
- Integrated push notifications for appointment creation and updates when accepted by doctors.
- Generated dental scan reports as downloadable PDFs with custom-designed layouts.
- Developed referral creation and tracking screens to enhance user engagement and follow-ups.
- Built efficient UI/UX with reusable and customizable widgets, ensuring smooth state updates with Bloc.
- Technology Used: Flutter, Dart, Bloc, Firebase Messaging, PDF, REST API.

Experience

•Datayaan Solutions Pvt. Ltd. *July 2023 – Present*

Software Engineer Chennai (On-site)
 – Successfully delivered 4 high-performance Flutter apps on Play Store and App Store for client projects.
 – Designed reusable components, reducing development time by 25% across multiple projects.
 – Trained and mentored a junior developer with knowledge transfer sessions on delivered projects.
 – Managed daily scrum stand-ups to track progress and share updates within the team.
 – Collaborated closely with backend teams for API integration and requirement clarification.
 – Worked with UI/UX designers to enhance app usability and design implementation.
 – Supported QA team by resolving defects and improving app stability.
 – Performed code optimization and explored new technologies to enhance Flutter app performance.

•Web Development Internship *May – June 2023*

Brazy Acedemy, Tirunelvlei Online
 – Learned fundamentals of web development using HTML, CSS, and JavaScript.
 – Implemented responsive UI designs and basic web functionalities.

Technical Skills and Interests

Languages: Dart, Basics of Python Java, HTML & CSS
Frameworks: Flutter
Tools: Git, GitHub, Postman, Xcode, MS Office (Word, Excel)
Databases / Cloud: Firebase, MySQL
Platforms: Android, iOS, Windows, macOS
Areas of Interest: Mobile App Design and Development
Soft Skills: Problem Solving, Self-learning, Innovation, Adaptability

Certifications

–Flutter Development Certification *2024*

Udemy Online

–Figma Essentials for UI/UX Design *2025*

Udemy Online

Education

–Bachelor of Engineering in Computer Science and Engineering *2019-2023*

Einstein College Of Engineering, Tirunelveli CGPA: 7.8