

STEPHY R N

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Professional Summary

Results-driven Flutter Developer with hands-on experience in building cross-platform mobile applications using Dart and Flutter. Proven track record in delivering responsive UIs, integrating RESTful APIs, and implementing scalable Firebase/Firestore solutions. Proficient in state management (BLoC, Provider, GetX) with a focus on clean architecture and maintainable code. Passionate about creating intuitive user experiences and collaborating with cross-functional teams to deliver high-quality products.

Professional Experience

Flutter Developer

Sigosoft Private Ltd. | January 2026 – Present

- Developing scalable cross-platform mobile applications using Flutter and Dart for Android and iOS platforms
- Integrating RESTful APIs using Dio packages for seamless frontend-backend communication
- Implementing real-time features using WebSocket and Firebase services
- Integrating Google Maps for location-based services, live tracking, and geolocation features
- Managing complex state transitions using GetX
- Handling Play Store deployment including app signing, versioning, release management, and production rollout
- Collaborating with backend developers, UI/UX designers, and QA teams to deliver optimized applications

Associate Software Engineer - Flutter Application Development

Kefi Tech Solutions Pvt. Ltd. | June 2025 – December 2025

- Developed fully functional cross-platform mobile applications including a hospital management system and attendance management application using Flutter framework
- Integrated RESTful APIs with HTTP package for seamless frontend-backend communication and real-time data synchronization
- Implemented state management solutions using Provider and BLoC patterns for efficient data handling and complex state transitions
- Designed responsive and intuitive user interfaces with custom widgets following Material Design guidelines
- Collaborated with cross-functional teams including backend developers and QA engineers to deliver high-quality, production-ready applications
- Conducted comprehensive testing including unit tests and API testing using Postman to ensure code reliability and performance

Electronic Quality Controller

Aptara Learnings Pvt. Ltd. | September 2021 - June 2025

- Delivered high-quality document conversions from DOCX to XML.
- Ensured accuracy and consistency via styling, quality assurance, and effective error resolution.
- Maintained strict quality standards and contributed to process improvements

Projects

Educk - Attendance Management System (<https://ammustephys.github.io/educk/>)

A comprehensive Flutter-based academic management application enabling seamless attendance tracking, marks management, and real-time communication between students and teachers with Firebase backend integration.

Key Features:

- Role-based authentication with admin approval workflow for student and teacher registration
- Real-time **Chat** facility enabling live communication between students and teachers, powered by **WebSocket** connections for instant messaging and notifications
- Complete **CRUD** operations for managing academic data including marks, notes, timetables, and syllabuses
- **Swipe-based** attendance marking system for intuitive user interaction
- Profile management with customizable **Dark theme** support
- **BLoC** state management for efficient handling of complex data states and real-time Firestore updates
- **JSON serialization** for seamless data exchange and **Firebase integration**, ensuring efficient API payloads and offline syncing capabilities
- Responsive UI design with thorough testing for optimal performance across devices
- **Tech Stack:** Flutter, Dart, Firebase (Authentication, Firestore, Cloud Messaging), BLoC, WebSocket (via Firebase Realtime Database), JSON

WallFlow – Wallpaper Application (<https://ammustephys.github.io/WallFlow/>)

A full-stack wallpaper application with Flutter frontend and Node.js backend, featuring secure authentication and seamless wallpaper discovery, download, and setting through RESTful API integration.

Key Features:

- Secure user authentication system with login and registration functionality
- Add wallpapers to favourites for quick access and personalized collections
- Download and directly set wallpapers to the device with one-tap convenience
- Advanced search functionality to browse, download, and set wallpapers across all categories (e.g., nature, abstract, landscapes, and more)
- **RESTful API** Integration with **Node.js** backend for scalable data management
- **HTTP** package integration for seamless communication between Flutter frontend and backend services
- Responsive UI design with thorough testing for optimal performance across devices

- **Tech Stack:** Flutter, Dart, Node.js, Express.js, REST APIs, HTTP Package
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Skills

- **Languages & Frameworks:** Dart, Node.js, Flutter, Express.js
 - **State Management:** Provider, GetX, BLoC
 - **Database and Local Storage:** Firebase (Authentication, Firestore, Cloud Messaging), MySQL, MongoDB, Supabase, SQFLite, Hive, Shared Preferences, Secure Storage
 - **API & Networking:** REST API, HTTP, Dio, WebSocket
 - **Advanced Integrations:** Google Maps Integration, Location Services, Real-time Data Sync, Play Store Deployment & Release Management
 - **Testing:** Manual Testing, Postman
 - **Tools:** Android Studio, Visual Studio, Git, GitHub, MS Excel, MS Word, Power Edit, MathType
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Education

- **B.Tech in Computer Science** | Kerala University | CGPA: 7.0 (70%) | 2021