

UDHAYACHANDRAN. B

Mobile Application Developer

[✉ udhayachandranbalamurugan@gmail.com](mailto:udhayachandranbalamurugan@gmail.com) [📞 +91 9976156907](tel:+919976156907) [📍 Coimbatore, India](#) [LinkedIn](#) [🔗 Portfolio](#)

SUMMARY

Mobile Application Developer with 2 years of experience in designing and developing cross-platform mobile applications using **Flutter**. Experienced in building **enterprise-level applications** for government and corporate clients. Skilled in **REST API integration, authentication, Clean Architecture, Riverpod, Firebase, UI/UX**, and reusable components. Strong understanding of **OOP, SDLC, Agile**, and debugging techniques. [🔗](#) Fast learner, proactive, and focused on building **high-quality, maintainable, and scalable applications**.

TECH STACK

- **Languages:** Dart, JavaScript, TypeScript, Python
- **Frameworks:** Flutter, Angular, Ionic, Node.js, Express.js
- **State Management:** Riverpod, BLoC, Provider
- **Mobile Technologies:** Firebase, FCM, Razorpay, Bluetooth, Google Maps, Geolocation
- **Backend & Database:** REST APIs, MySQL, Sequelize ORM
- **Tools:** Android Studio, VS Code, Git & GitHub, Postman, Cursor AI
- **Other:** Clean Architecture, UI/UX Principles, Responsive Design, Agile/Scrum, Performance Optimization

EXPERIENCE

Trice Technologies Pvt Ltd [🔗](#)

08/2025 – Present | kerala , india

Mobile Application Developer,

Trice Technologies develops enterprise mobile and web applications for government and corporate clients.

- Built end-to-end Flutter applications for internal enterprise and government usage.
- Developed projects such as **Waste Management System, Wholesale B2B System, Drug Abuse Monitoring App, and Training Management System**.
- Implemented **REST API integration**, Clean Architecture, form validations, secure login, and **FCM push notifications**.
- Integrated **Firebase**, Razorpay, geolocation, and dashboard analytics.
- Improved app performance, modularity, and created reusable widgets.

BNC Motors Pvt Ltd [🔗](#)

01/2024 – 07/2025 | Coimbatore, India

Mobile Application Developer

BNC Motors is an EV manufacturing company building mobile apps for customers and internal service teams.

- Developed Android & iOS applications using **Flutter and Ionic Angular**.
- Built consumer and support apps for **vehicle tracking, service booking, and device configuration**.
- Worked on **Bluetooth connectivity**, Razorpay integration, backend APIs, and UI improvements.
- Implemented **real-time data synchronization** and third-party API integration.
- Performed debugging, optimization, and cross-team collaboration for features.

EDUCATION

Bachelor of Computer Science

08/2020 – 05/2023 | Coimbatore, India

SNMV College Of Arts and Science

Higher Secondary Certificate (HSC)

06/2019 – 05/2020 | Coimbatore, India

Vigneshwar Vidhya Mandhir Matric School

Secondary School Leaving Certificate (SSLC)

06/2017 – 05/2018 | Coimbatore, India

Swastik Matriculation High School

CERTIFICATES

Flutter Development Course — GUVI | Python Programming — Udemy

PROJECTS

| | |
|---|-------------------|
| Waste Management System (WMS) | 08/2025 – 09/2025 |
| A smart waste collection application used by agents and customers for booking and managing waste pickups. <ul style="list-style-type: none">Implemented location-based waste pickup booking using Google Maps.Integrated Razorpay for secure online payments.Built complete agent workflow including assigned routes, navigation, pickup status updates, and disposal reporting. | |
| Wholesale B2B System | 09/2025 – 11/2025 |
| A mobile application for salespersons to manage shop visits and order workflows. <ul style="list-style-type: none">Developed features such as shop listing, order creation, updating, deleting, and invoice tracking.Synced inventory and orders using REST APIs for real-time data accuracy. | |
| Drug Abuse Monitoring (DAM) | 11/2025 – Present |
| A confidential reporting application to prevent and monitor illegal activities in schools and colleges. <ul style="list-style-type: none">Implemented anonymous report submission, minimal UI, and secure backend communication.Enabled authorities to initiate counseling and follow-up actions based on submitted reports. | |
| Training Management System (TMS) | 11/2025 – Present |
| A comprehensive training platform for managing staff, students, courses, and payments. <ul style="list-style-type: none">Developed modules for dashboard, staff management, student management, attendance, payments, pending fees, and course handling.Implemented Riverpod, Clean Architecture, reusable widgets, and complete application theming. | |
| BNC Consumer App | 01/2024 – 07/2025 |
| A customer-facing app for electric vehicle tracking and service management. <ul style="list-style-type: none">Developed live vehicle tracking and daily trip visibility for users.Implemented battery swapping workflows and Razorpay payment integration.Added complaint management and vehicle service booking features. | |
| BNC Support App | 01/2024 – 07/2025 |
| An internal application for service engineers to monitor device status and manage EV diagnostics. <ul style="list-style-type: none">Enabled real-time visibility of customer complaints and battery alerts.Implemented Bluetooth device configuration, speedometer value updates, and vehicle mode toggling. | |
| CRM | 05/2025 – 07/2025 |
| <i>CRM Web Application (Customer Relationship Management)</i> | |
| A web-based CRM system for managing customer interactions, data, and support operations. <ul style="list-style-type: none">Built backend RESTful APIs using Node.js and Express.js.Used Sequelize ORM for optimized communication with MySQL.Designed a clean, modular architecture ensuring scalability and maintainability. | |
| E-Auction Plan | 01/2023 – 05/2023 |
| A digital auction platform connecting bidders and sellers. <ul style="list-style-type: none">Developed an end-to-end e-auction system enabling seamless bidding.Improved the auction workflow for faster, more efficient transactions. | |

PERSONAL PROJECTS

| |
|--|
| Weather App (BLoC State Management) 🔗 |
| <ul style="list-style-type: none">Displays real-time weather using OpenWeatherMap API.Built using Flutter + BLoC for clean and scalable architecture. |
| To-Do App (Hive Local Storage) 🔗 |
| <ul style="list-style-type: none">Offline local storage using Hive.CRUD operations with simple and clean UI. |

| |
|---|
| Simple Calculator 🔗 |
| <ul style="list-style-type: none">Flutter-based calculator with basic arithmetic operations.Lightweight UI and precise calculation handling. |