

# UDHAYACHANDRAN. B

## Mobile Application Developer

✉ udhayachandranbalamurugan@gmail.com ☎ +91 9976156907 📍 Coimbatore, India

🌐 linkedin.com/in/udhayachandran-balamurugan-26060b255

### SUMMARY

Mobile Application Developer with nearly 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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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

#### CRM Web Application (Customer Relationship Management)

A web-based CRM system for managing customer interactions, data, and support operations.

- 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.

- 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) [↗](#)

- Displays real-time weather using OpenWeatherMap API.
- Built using Flutter + BLoC for clean and scalable architecture.

### To-Do App (Hive Local Storage) [↗](#)

- Offline local storage using Hive.
- CRUD operations with simple and clean UI.

### Simple Calculator [↗](#)

- Flutter-based calculator with basic arithmetic operations.
- Lightweight UI and precise calculation handling.