

# UDHAYACHANDRAN. B

## Mobile Application Developer

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### 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

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

## PERSONAL PROJECTS

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

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