

## BACKERSHAN T

Bengaluru, India

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## PROFESSIONAL SUMMARY

Software Developer specializing in Flutter with expanding experience in React and MERN. Over 3+ years building scalable, high-performance applications with expertise in state management (Bloc), REST APIs, Firebase services, UI/UX engineering, real-time communication (Socket.io), and WebRTC-based calling systems. Strong experience leading development teams, modernizing legacy apps, optimizing app performance, and delivering production-ready mobile and web solutions.

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## TECHNICAL SKILLS

<b>Languages</b>	:	Dart, JavaScript, HTML, CSS
<b>Frameworks</b>	:	Flutter, React.js, Node.js, Express.js
<b>State Management</b>	:	BLoC, Cubit, Provider
<b>Backend &amp; Databases</b>	:	Firebase (Auth, Firestore, FCM), MongoDB, REST APIs
<b>Real-Time</b>	:	Socket.io, WebRTC
<b>Developer Tools</b>	:	GitHub, Postman
<b>UI/UX Tools</b>	:	Figma, Adobe XD
<b>Core Expertise</b>	:	Clean Architecture, UI/UX Implementation, Responsive Design Performance Optimization, Code Review, Team Leadership

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## PROFESSIONAL EXPERIENCE

### Frontend Developer — Yachii Pte Ltd

Aug 2025 – Present | Bengaluru, India

- Built cross-platform frontend modules using Flutter & React with clean architecture.
- Integrated REST APIs, Firebase, WebRTC, and Socket.io for real-time features.
- Developed role-based dashboards and complex workflow screens.
- Ensured responsive UI for mobile and web platforms.

## **Flutter Developer — Alison Tech Lab**

**Dec 2024 – Jul 2025 | Kerala, India**

- Developed Flutter features including UI screens, API integrations, transitions, and forms.
- Implemented BLoC for scalable state management and clean code practices.
- Collaborated with UI/UX designers to achieve pixel-perfect screen implementations.
- Contributed to testing, debugging, and polishing final builds.

## **Flutter Developer (Team Lead & UI/UX Controller) — Clan Leo Pvt Ltd**

**Jul 2022 – Mar 2023 | Kerala, India**

- Led development and UI/UX modernization of the Rigging Calculator Flutter app.
- Migrated legacy logic to clean architecture, improving app performance significantly.
- Implemented new features, managed releases, and coordinated with backend teams.
- Mentored junior developers and improved code quality through reviews.

## **Junior Flutter Developer — Bethel Technology**

**Feb 2022 – Jul 2022 | Kerala, India**

- Developed UI screens and integrated APIs for the Gaadi Parts application.
- Improved caching, UI loading, and reduced performance issues.
- Collaborated with seniors for feature design and component architecture.

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## **MAJOR PROJECTS**

### **YChat — Real-Time Messaging & Calling App**

**Flutter | WebRTC | Socket.io | Firebase | FCM | REST API**

- Built complete chat and calling system including one-to-one and group chat.
- Implemented WebRTC voice/video calling with call reconnection logic.
- Added media sharing, online/offline status, typing indicator, read receipts.
- Integrated push notifications and dark mode with modern UI/UX patterns.
- Implemented screen mirroring support (device screen share).

## **MyBus — Real-Time Bus Tracking & Ticket Booking App**

**Flutter | Flutter Maps | Firebase | FCM | REST API**

- Built complete bus tracking and ticket booking system .
- Implemented live tracking bus.
- Added routes and bus name search.
- Integrated push notifications and dark mode with modern UI/UX patterns.

## **Leo Inspector — Heavy Machinery Inspection App**

**Flutter | REST API | Firebase**

- Built inspection workflows for cranes, boom lifts, and heavy machinery.
- Implemented form validations, camera upload, QR scanning, and report generation.
- Designed inspector and admin dashboards with structured flows.
- Optimized UI/UX and improved overall performance of inspection processes.

## **Door To Door — Local Store Delivery App**

**Flutter | Flutter Map | REST APIs | Notifications**

- Developed full e-commerce flow: login, product listings, cart, order placement.
- Built delivery tracking with real-time location updates using Flutter Map.
- Added delivery boy & store-owner modules with custom dashboards.
- Implemented search, filtering, address management, caching & lazy loading.

## **Mahathma Veliyancode — Club Website**

**React.js | Firebase | EmailJS**

- Created a responsive club website showcasing activities and announcements.
- Built member login and profile management modules with Firebase.
- Integrated EmailJS for contact forms and automated communication.

## **Scientific Calculator — Personal Project**

**Flutter | Custom UI**

- Built a scientific + basic calculator with programmable UI and custom buttons.
- Implemented arithmetic operations, scientific functions, and clean layout.
- Developed as a personal project to practice custom widgets and layout systems.

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## EDUCATION

### Bachelor of Science in Computer Science (BSc CS)

MTM College of Arts, Science & Commerce  
University of Calicut, Kerala, India — **2021**

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## STRENGTHS

- Clean architecture & scalable code
  - UI/UX decision-making
  - Strong debugging & problem-solving
  - Team leadership & collaboration
  - Fast learning across frameworks
  - Performance optimization
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## LANGUAGES

Malayalam • English • Hindi

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