BACKERSHAN T

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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.

TECHNICAL SKILLS

Languages	:	Dart, JavaScript, HTML, CSS
Frameworks	:	Flutter, React.js, Node.js, Express.js
State Management	:	BLoC, Cubit, Provider
Backend & Databases	:	Firebase (Auth, Firestore, FCM), MongoDB, REST APIs
Real-Time	:	Socket.io, WebRTC
Developer Tools	:	GitHub, Postman
UI/UX Tools	:	Figma, Adobe XD
Core Expertise	:	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's Pvt Ltd

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.

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.

EDUCATION

Bachelor of Science in Computer Science (BSc CS)

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

STRENGTHS

- Clean architecture & scalable code

- UI/UX decision-making

- Strong debugging & problem-solving

- Team leadership & collaboration

- Fast learning across frameworks

- Performance optimization

LANGUAGES

Malayalam • English • Hindi