

## PROFESSIONAL SUMMARY

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Lead Flutter Engineer with 5+ years of experience delivering scalable mobile applications and leading multi-project teams. Experienced in solutioning, application architecture, and client engagement, with full ownership of end-to-end client project lifecycles from requirement discovery and architecture design to development, deployment, and delivery. Strong expertise in Flutter, Dart, and scalable mobile architectures, complemented by full-stack development experience using React.js, Node.js, and Express.js. Combines hands-on development with technical leadership, Agile and Scrum-based execution, cross-functional collaboration, and team mentorship to ship production-grade applications aligned with business goals.

## EDUCATION

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• **Bachelor of Technology in Information Technology** 2019 - 2023  
*Government Engineering College, Thiruvananthapuram* CGPA: 7.3

## EXPERIENCE

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- **Senior Software Engineer** February 2025 - Present  
*Zarthi Private Limited - Trivandrum, India* Full Time
- Progressed from Senior Software Engineer to Solution Lead and Functional Lead, owning delivery of multiple Flutter-based client projects within Agile/Scrum environments.
  - Led and mentored 6+ Flutter developers as a Functional Lead, setting technical direction, enforcing coding standards, and ensuring delivery quality.
  - Served as Solution Lead across multiple client engagements, coordinating and mentoring 12+ developers across parallel project teams.
  - Owned the end-to-end client project lifecycle from requirement gathering and architecture design to sprint execution, development, code reviews, deployment, and delivery.
  - Architected scalable Flutter solutions following Clean Architecture principles and BLoC-based state management, focusing on performance, maintainability, and long-term growth to deliver production-ready applications.
  - Collaborated closely with backend, QA, UI/UX, and product teams to ensure seamless system integration and aligned technical outcomes across projects.
  - Continued hands-on Flutter development alongside leadership responsibilities to deliver stable, production-ready applications.
- **Co-Founder & Senior Software Engineer** May 2022 - February 2025  
*Geeks At Designing Solutions LLP - Trivandrum, India* Full Time
- Managed a 10+ member Flutter development team, overseeing project roadmaps, code reviews, and Agile workflows to ensure 100% on-time delivery.
  - Built and delivered scalable cross-platform applications using Flutter and Dart, achieving 99% crash-free sessions across Android and Web.
  - Applied Provider for lightweight state management and BLoC for complex, event-driven applications, reducing state-related issues by 40%.
  - Built and optimized WebView-based hybrid apps, ensuring 100% security compliance and smooth navigation.
  - Established an Agile development framework, reducing feature rollout time by 40% while maintaining high code quality.
  - Directed cross-functional collaboration between 10+ developers, UI/UX designers, and backend engineers, delivering 100% on-time product releases with 30% faster development cycles.
  - Published and maintained apps on the Google Play Developer Console, ensuring 100% compliance, timely updates, and performance improvements, contributing to a 20% increase in user retention.
- **Software Engineer** April 2020 - April 2022  
*Geeks At Designing Solutions LLP - Trivandrum, India* Full Time
- Developed and maintained mobile and web applications using Flutter, Firebase, and JavaScript-based frameworks.
  - Spearheaded end-to-end Flutter app development, from UI/UX prototyping to back-end integration, reducing development cycles by 30%.
  - Integrated RESTful APIs and real-time synchronization with Firebase Firestore, enhancing data retrieval speed by 35%. and reducing load times by 50% using cached images and path provider.
  - Collaborated with technical and non technical team streamlining communication and reducing issue resolution time by 40%.

## PROJECTS

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### Third Wave Coffee (India) - Mobile App

Sept 2025 - Dec 2025

Consumer mobile app for Third Wave Coffee customers.

- Guided requirement analysis and solution design for core app modules (Profile & Settings, Orders, Wallet & Promo Balance, Packs), mentoring 3 Flutter developers and defining technical scope and approach.
- Drove Agile/Scrum sprint delivery by identifying and resolving technical blockers to maintain sprint commitments.
- Built the application using Clean Architecture and BLoC, enabling parallel frontend development through API contracts and mock services, resulting in 30% reduction in overall development time and smooth integration.
- Worked with backend, QA, product, and design teams to ensure system integration, code quality, and application performance through reviews, testing, and optimization.

### KVR (Kickstart Vision to Reality Private Limited) - Mobile App

Mar 2025 - Sept 2025

Fintech-focused customer mobile app for earning opportunities and onboarding.

- Led the architecture, development, testing coordination, and release of the KVR mobile application from inception to launch, including secure KYC modules (Aadhaar, PAN, and face verification) for a fintech-focused platform.
- Implemented Clean Architecture and BLoC, applying principles such as separation of concerns, modularity, and dependency inversion to ensure scalability, maintainability, and enterprise-grade code quality.
- Delivered the application with a lean two-developer team through task parallelization, dependency management, and blocker resolution, resulting in stable releases with no QA-reported functional defects.

### VTEE (Kerala State Scheduled Tribes Development Department) - Mobile App

Mar 2022 - Sep 2023

Built a Flutter app for VTEE, enabling job matching and employment tracking for tribal communities.

- Crafted a responsive User Interface using Flutter widgets, enhancing usability across multiple screen sizes.
- Integrated Firebase Authentication for secure user login and Cloud Firestore for real-time data updates.
- Optimized network requests and data caching, improving app load times by 40%.
- Collaborated with stakeholders to refine app functionality, ensuring a 90% satisfaction rate among users.

### Indian Naval Air Squadron 310, Goa, India - Kiosk Software Application

Aug 2024 - Dec 2024

Interactive kiosk application with advanced animations for the COBRA Squadron.

- Engineered an interactive kiosk application using React.js, Node.js, Express, and MySQL.
- Devised an admin panel for efficient management and oversight of kiosk data.
- Integrated advanced animations and a user-friendly interface, resulting in 30% faster data processing and 20% improved user engagement.

## TECHNICAL SKILLS

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**Leadership and Project Execution:** Agile, Scrum, Sprint Planning, Backlog Grooming, Technical Leadership, Team Mentorship, Requirement Analysis, Solution Design, Code Reviews, Cross-Functional Collaboration

**Mobile & Hybrid App Development:** Flutter, Dart, Cross-Platform Mobile App Development, Android & iOS

**Architecture & State Management:** Clean Architecture, SOLID Principles, BLoC, Provider, Modular Design

**UI/UX Design:** Figma, Adobe XD, Adobe Photoshop, Adobe Illustrator, Canva

**Cloud/Database:** Firebase, MySQL, MongoDB, PostgreSQL

**App Deployment:** Google Play Developer Console, Apple Developer Portal, Firebase App Distribution, Test Flight

**Tools & Collaboration:** Jira, Confluence, Git, GitHub, XCode, Android Studio, Figma

**Web & Full-Stack Development:** HTML, CSS, Javascript, Bootstrap, MERN (MongoDB, Express, React, Node.js)

**Documentation & Communication:** Technical Documentation, Architecture Documentation, HLD, LLD, MS Office

**Core Strengths:** Root Cause Analysis, Ownership, Accountability, Self-Learning, Technical Communication, Client Management

## ROLES AND ACHIEVEMENTS

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### •Winner - Hackathon Multiple National and State-Level Competitions

2020 - 2025

- First Prize, **IC Hack** (National Level, IEEE India Council)
- First Prize, **Let's Redesign IRCTC - UI/UX Hackathon** (Zarthi Private Limited)
- First Prize, **HackX** (National Level, Amal Jyothi College of Engineering)
- First Prize, **MeenHack** (State Level, College of Engineering Kidangoor)

### •Award - Best Executive Committee Member CSI SB GECBH, Trivandrum

July 2021

- Recognized for exceptional contributions to organizing key events and initiatives.

### •Electronics & Communication Coordinator CSI SB GECBH, Trivandrum

Aug 2021 - July 2022

- Coordinated technical workshops, boosting participation by 20%.

### •Design Team Lead CSI SB GECBH, Trivandrum

Aug 2020 - July 2021

- Led design initiatives for event branding, creating 300+ design assets, which resulted in a 40% increase in event engagement.