

Chennai, Tamil Nadu
India

FIRDOUS ISMAIL

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Senior Software Engineer (Flutter)

Shipping white-label consumer apps and the internal factory that produces them

EMPLOYMENT

Senior Flutter Engineer

Apr 2024 – Present

Nomni (formerly Liven)

Chennai

- Designed and built Online Ordering Studio, an internal App Factory (Jaspr web wizard with an embedded, live Flutter preview) that lets non-engineers configure white-label tenants, preview branding changes in real time, and export production-ready config packs.
- Added AI-assisted website intake that scrapes a client's brand (colors, fonts, logos, copy) to pre-fill Studio's Brand & Assets step, merging two wizard tabs into one flow.
- Shipped one-click demo APK generation via GitLab CI and a shared demo Firebase project, and designed Firebase tenant provisioning (Cloud Functions, Node 20, idempotent CI scripts with SSE progress) to create projects and seed Auth/Firestore without manual console work.
- Maintain the multi-tenant SKIN pipeline that consolidates 10+ branded apps into a single Flutter codebase, cutting tenant onboarding from 4–5 days to under a day (~80–90% reduction); used it to stand up production tenants including Roll'd, Dumpling Chef, XGolf, Lune, La Veen, and Dopa.
- Delivered customer-facing ordering features: menu search, catering and dynamic order types, checkout edit-in-place, voucher payment references, and a PNG→WebP asset migration for smaller binaries and faster loads.
- Upgraded the app to Flutter 3.47, refactored Google Sign-In (scoped, disconnect-safe sign-out), and moved logging onto shared GCP tooling so Studio-built tenants launch cleanly without full credentials.

Software Engineer – Flutter

Dec 2022 – Apr 2024

Crayon Data

Chennai

- Built and maintained fintech mobile applications, implementing loan systems, KYC verification, and credit scoring features.
- Worked closely with backend and product teams to deliver seamless integrations.

Software Engineer → Associate Technical Lead (Mobile)

Mar 2018 – Nov 2022

Calibraint

Chennai

- Developed multiple Android and Flutter applications across domains, leading feature development and contributing to architecture decisions.
- Built scalable apps with real-time features, QR systems, and marketplace integrations; collaborated with cross-functional teams to deliver client projects.

Android Developer – Intern

Nov 2017 – Feb 2018

Nexusinfo

Bengaluru

- Assisted in Android app dev and feature implementation; gained hands-on experience across the app lifecycle and debugging

EDUCATION

Master of Computer Applications (MCA)

2016 – 2018

AMS College of Engineering

Chennai

Bachelor of Computer Applications (BCA)

2013 – 2016

The New College

Chennai

ADDITIONAL EXPERIENCE AND AWARDS

- Community Talk (May 2026):** “Building Instant-First Web Experiences using Jaspr + Flutter” – presented at Namma Flutter (Flutter Chennai), showcasing Online Ordering Studio as a real-world Jaspr + Flutter case study; awarded “**Consistent Contributor**” by the Namma Flutter community.
- Speaker, FOSS United Chennai (Apr 2026):** Delivered a session at IIT Madras on using Jaspr to improve Flutter Web load performance, demonstrated live on a personal portfolio project.
- Community Talk (Nov 2024):** “Creating Major Impact with Minor Changes” – presented at Namma Flutter (Flutter Chennai), hosted by YuniQ, on Dart tips and optimizations for cleaner, more standardized code.
- Best Team Player, Calibraint Annual Awards (2021):** Recognized for high-level productivity and team performance.

LANGUAGES AND TECHNOLOGIES

Languages: Urdu (Native), Tamil (Native), English (Fluent), Hindi (Fluent)

Technologies: Dart, Flutter (iOS/Android/Web embed), BLoC, Clean Architecture, GoRouter, Firebase (Auth, Firestore, Hosting, Cloud Functions, Crashlytics), Jaspr, TypeScript, Node.js, GitLab CI, GCS, Fastlane, Google Sign-In, Adyen, Stripe, WebP, SSE, Angular, Kotlin, Java, REST APIs