

Sheikh Asif Ali

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PROFESSIONAL SUMMARY

Software Developer with 1 year 10 months of experience building production mobile and web applications across Flutter, native Android, and full-stack JavaScript/backend environments. Currently architecting Clean Architecture-based Flutter apps and expanding into Node.js backend services at Spinoff Technopark. Comfortable owning a feature end-to-end – from UI and state management to API design, database schema, and deployment – with hands-on experience across Firebase, Cloudflare Workers, Node.js/Express, and MongoDB.

EXPERIENCE

Mobile App Developer

November 2025 – Present

Spinoff Technopark Limited

Chandigarh

- Architected a reusable Clean Architecture pattern (BLoC, GetIt, GoRouter) adopted across all 4 apps, cutting new-app/feature setup time from a few days to a few hours via a standardized, copy-paste-ready folder structure.
- Currently maintaining a 4-app portfolio at varying release stages – 1 live in production, 2 slated for launch in coming months, 1 currently paused – while owning architecture decisions across all four.
- Built offline-first caching using Drift (cart/orders) and local caching (homepage), cutting homepage load time from up to ~6.5s on a live API fetch to under 100ms on cache hit.
- Designed a MongoDB schema with 7 strategic indexes and denormalized fields (lastMessage, unreadCounts) to eliminate N+1 queries on chat list loads, using atomic operations (\$inc, updateMany) to prevent race conditions.
- Built and automated the release pipeline (build flavors, signing, Play Store) using Fastlane, cutting release time from ~30–40 minutes of manual Gradle builds to ~10 minutes.
- Integrated Razorpay, FCM, and Remote Config for payments, notifications, and staged rollouts, supporting ~10 transactions/month during early-stage rollout.

Mobile App Developer

August 2025 – November 2025

Globiz Technology Inc.

Ludhiana

- Built a Flutter app end-to-end focusing on responsive, polished UI and state management across device types.
- Developed a native Android POS app in Kotlin, integrating secure user APIs and cutting location detection time from ~10 minutes to near-instant through system-level optimization.
- Built a React Native app from scratch, primarily owning UI implementation, using Git-based workflows.
- Contributed targeted bug fixes and logic improvements across 2–3 additional React Native/Flutter apps.

Mobile App Developer

March 2025 – August 2025

Downtown IELTS & Immigration

Remote

- Designed and built an IELTS exam prep app (Masterstroke) in Flutter using Clean Architecture and BLoC, supporting 4 question types across 4 skill areas (reading, writing, listening, speaking).
- Integrated Firebase AI (Gemini) with enforced structured JSON schemas to deliver automated, instant writing evaluations, removing reliance on manual grading.
- Built a companion Flutter Web admin panel with dynamic Firestore path-based CRUD, replacing a manual Firebase-entry workflow and enabling non-technical staff to manage exam content independently.
- Designed and deployed the company's public-facing lead-generation website using Cloudflare Workers and D1 (SQLite), including self-healing schema migrations.

Android Developer Intern

October 2024 – March 2025

Blue Planet InfoSolutions

Remote

- Designed & built 3 Android apps from scratch for the CJN hiring ecosystem – *Friends of CJN*, *Fashion Parade*, and *CJN Tablet* – as sole mobile developer, serving the same user base as the company's website (10K+ users) before the initiative was discontinued.
- Diagnosed and resolved recurring crash-causing bugs across all 3 apps, improving stability without dedicated crash-reporting tooling in place.
- Supervised migration of 15+ legacy Android projects to modern Gradle, improving development efficiency by 80%; mentored 6–7 interns over 6 months (up to 4 concurrently).
- Led library upgrades across multiple apps, enhancing compatibility & stability.

TECHNICAL SKILLS

Languages: Kotlin, Java, Dart, JavaScript, PHP, SQL

Frameworks: Flutter, React Native, Android SDK, Jetpack Compose, Node.js, Express, Astro

Architecture: Clean Architecture, MVVM, BLoC, Provider, GoRouter, GetIt

Backend/Cloud: Firebase (Auth, Firestore, Storage, Cloud Functions, Gemini AI), Cloudflare Workers/D1/R2, MongoDB, Socket.io, REST APIs

Databases: SQLite, Drift, Room, MySQL

Tools: Git, GitHub, Android Studio, Fastlane, Postman

PROJECTS

Snake & Ladder | *Flutter, Clean Architecture, BLoC, CustomPainter*

- High-fidelity game recreation built as a 9-hour technical assignment, featuring a procedural board engine (6x6/8x8/10x10), 3D animated dice via Matrix4 transforms, and full BLoC-driven game state including bot automation and power-ups.

Personal Portfolio & Photography Archive | *Astro, Cloudflare Workers, R2, Custom CMS*

- Dual-purpose site with two structurally distinct UI systems sharing one codebase, backed by a self-built CMS for photo uploads to Cloudflare R2 and a Workers-driven contact form pipeline.

Tic-Tac-Toe | *Spring Boot, Java, JPA, H2, HTMX*

- Full-stack game app with a Controller-Service-Repository backend, persistent match history via JPA, and HTMX-driven server-rendered UI updates without a heavy frontend framework.

Gazeodoro | *Kotlin, Jetpack Compose, CameraX, ML Kit*

- Pomodoro app using on-device face detection (ML Kit + CameraX) to enforce real screen breaks, with a custom Canvas-based animated theming engine and reactive Compose state management.

EDUCATION

Arya College

Bachelor of Computer Applications

Ludhiana, Punjab

August 2021 – May 2024