Ramansh Sharma

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CAREER OBJECTIVE

A passionate and adaptable Software Developer specializing in **Android (Native)** and **Kotlin Multiplatform (KMP)**. Experienced in building scalable applications using **Modular Clean Architecture**. Highly motivated to build intuitive, high-performance mobile and web solutions while contributing problem-solving skills to a dynamic engineering team.

TECHNICAL SKILLS

- **Languages:** Kotlin, Java, Dart, SQL, C/C++
- **Mobile Development:** Native Android (Jetpack Compose, XML), Kotlin Multiplatform (Android, iOS, Desktop), Flutter
- **Architecture & Patterns:** Modular Clean Architecture, MVVM, MVI, Repository Pattern
- **Libraries & Tools:** Jetpack Compose, Coroutines, Flow, Retrofit, Room DB, Koin/Hilt, Navigation Compose
- **Backend & Cloud:** Supabase (PostgreSQL), SpringBoot (Basics), MongoDB, Firebase (Auth, Firestore)
- **Other:** Git/GitHub, CI/CD basics, Agile Methodologies

WORK EXPERIENCE

Software Developer | **ESC (Electronics and Computer Software Export Promotion Council of India)** *Nov 2025 – Present | Delhi (Funded by Govt. of India)*

- **Web Application Engineering:** Engineered a custom web application using **Supabase (PostgreSQL)** to resolve a critical **B2B meetings event management issue** that had persisted for 6+ years, significantly improving operational efficiency.
- **Website Modernization:** Responsible for updating and maintaining official council websites to ensure government-standard security, performance, and user experience for global exporters.
- **Mobile App Enhancement:** actively contributing to the council's **Flutter-based** mobile application, implementing UI upgrades and feature improvements to streamline digital services for international delegates.

Android Developer (Intern) | **Glovomega** *Aug 2025 – Oct 2025 | Delhi*

- **Sole Developer:** Took full ownership of an **EdTech Multi-Module Platform**, building the entire Android application from scratch.
- **Architecture:** Implemented strict **Clean Architecture** with **Jetpack Compose**, dividing the app into data, domain, and presentation layers.
- **Key Features:** Built secure authentication, e-book access, online testing engines, and assignment submission flows.
- **Tech Stack:** Kotlin, Jetpack Compose, Room Database, Retrofit, Coroutines.

Freelance Developer | **Self-Employed** *Apr 2025 – Aug 2025*

- Developed various custom software solutions for clients, building a strong foundation in mobile and web technologies.
- Focused on mastering modern UI toolkits (Jetpack Compose) and backend integrations before transitioning to specialized Android roles.

EDUCATION

Bachelor of Computer Applications (BCA), 2023 - 2026
IGNOU

Senior Secondary (XII), CBSE
Science

Percentage: 89.70% | 95% in Math

PROJECTS

Animated Bottom Navigation (Jetpack Compose Library) ↗

A highly customisable, animated bottom navigation bar for Jetpack Compose, featuring a unique sliding cradle effect that follows the selected item.

Features:
-> Smooth Animations: Fluid slide and lift animation for the selected item.
-> Dynamic Cradle: The cradle in the bar smoothly moves to the active item's position.
-> Highly Customizable: Easily change colors, animation duration, and more.
-> Jetpack Compose: Built entirely in Jetpack Compose using modern Android best practices.

CMP/KMP – BookShelf (Compose Multiplatform Project) ↗

A Kotlin Multiplatform project targeting Android, iOS, macOS, Windows and Linux, built with Compose Multiplatform. The app fetches book data from a server and lets users:

- Search for books
- View book details
- Add favorites for quick access

Caching and offline support ensure a smooth user experience across platforms.

Features:
- Compose Multiplatform UI shared across Android, iOS, and Desktop
- Compose Navigation for type-safe, declarative navigation
- Room Database for local persistence and favorites
- Server integration for dynamic book data
- Smart caching to optimize performance

Compressify ↗

Android image compression & cropping app built with Kotlin and Jetpack Compose. Designed with Clean Architecture and MVVM, and powered by DataStore for persistent, user-friendly settings (themes, defaults). Smooth navigation with NavHost/NavController, MediaStore integration, robust permission handling, and a custom animated splash screen.

Features:
- Clean Architecture + MVVM: testable, maintainable layers with clear separation of concerns
- Persistent settings with DataStore: theme mode, quality defaults, last used options
- Dynamic theming: Light/Dark/System (Material 3 if enabled)
- Navigation Compose: type-safe routes with NavHost/NavController
- Image compression: quality/size control with preview & output stats • Image cropping: freeform/ratio crop (e.g., 1:1, 4:3, 16:9)
- MediaStore access: pick, save, and update images with scoped storage
- Permission handling: modern AndroidX APIs with rationale flows

Clarity Notes – Secure Notes App with Backend ↗

Clarity Notes – A simple and minimal notes app built with Kotlin and Jetpack Compose. Create and manage notes with ease, designed for clarity and focus.
Features:
-> Full stack notes application with Room Database (offline) and SpringBoot + MongoDB (backend)
-> Implemented JWT-based authentication with access/refresh tokens for secure login flows.
-> Built with MVVM + Clean Architecture, ensuring maintainability.
-> Designed and implemented both Android frontend and backend service

KMP E-Commerce (Compose Multiplatform) ↗

-> Built a cross-platform e-commerce app using Compose Multiplatform(KMP) targeting Android, iOS, Desktop and web (web part is under development).

-> Designed and implemented a modern UI with Jetpack Compose, including product listings, categories, search and cart functionality.

-> Applied Clean Architecture principles for maintainability and scalability across platforms.

-> Focused on smooth navigation, responsive layouts, and engaging UI animations for seamless user experience