

# Aman Kumar

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## SKILLS

**Core:** Swift, SwiftUI, UIKit, MVVM, Firebase, Swift Package Manager, Python

**Familiar with:** Node.js, Express.js, TypeScript, Redis, PostgreSQL, Socket.IO, Next.js, Kotlin, Jetpack Compose, Flutter

**Tools:** Git, Xcode, Android Studio, Cursor IDE, Figma, VS Code, GitHub Actions, Postman

## EXPERIENCE

### Software Engineer (Founding Engineer) | Inspire Dev Studio | Delhi | July 2024 - Present

- Developing **CapCap** ([capcap.in](https://capcap.in)), an automatic subtitle and caption generator for videos using **UIKit, SwiftUI, and Core Animation**. Built a custom **layer-driven rendering pipeline (CALayer, CATextLayer, CAAAnimation)** for animated captions, supporting advanced caption styling, real-time preview. Serving **100+ active users**.
- Developing **HeapChat** ([heap.chat](https://heap.chat)), an **AI-enabled customer support dashboard designed for small to medium-sized projects**. Which enables real-time multilingual customer interactions through AI-powered translations and provides seamless integration on iOS and web platforms.
- Built the backend of **HeapChat** with **Express**, integrating AI translation, **BullMQ** for efficient task queuing, real-time messaging with **Socket.IO**, and data management with **Prisma + PostgreSQL**. On the frontend, developed the **dashboard and web SDK in Next.js** and the **iOS SDK in SwiftUI**.
- Led development of **EasilyTranslate**, a **macOS app** built with **SwiftUI** designed to simplify translations. The platform supports iOS/Android/web app localization, JSON, TXT, and MD file translation with format and context preservation.

### App Developer Intern | AppSuccessor Media Pvt Ltd | Noida, UP | September 2023 - June 2024

- Contributed to **Soundscape**, a wellness app featuring soothing music playback, podcasts, and guided meditation with **10K+ downloads**. Built the **iOS app** from scratch using **SwiftUI** with **MVVM architecture** and refactored the **Android app** in **Flutter** following best practices which reduced bugs by 50%.
- Developed **Trakeat**, featuring water logging, exercise tracking and calories tracking in **compose** with **Firestore authentication**, Firestore, Room DB, Koin, and Retrofit.

## PROJECT

### Slide News iOS App | [github.com/firelord/slidenews](https://github.com/firelord/slidenews)

- News app inspired by **MindInventory's Dribbble** design using **SwiftUI**. Integrated **Firestore** for secure login and **SwiftData** for efficient data retrieval. Resembles a next-gen **Inshorts** app. Employed **clean MVVM architecture** and crafted custom shapes using **SwiftUI's Path** and **Bézier curve** concept. With smooth animations all over the app for good UX.

### JotDown KMP (Kotlin Multi Platform) | [github.com/FireLord/JotDown](https://github.com/FireLord/JotDown)

- Notes app built with **Kotlin** and **Swift** for robust cross-platform compatibility, featuring Android frontend in **Jetpack Compose** for modern UI design, iOS frontend designed with **SwiftUI** for a native experience, and **SQLDelight** powering the database with shared logic across both platforms.

## INVOLVEMENT

### Open Source Contribution | GitHub

- Contributed to **Exyte's Chat and MediaPicker SwiftUI libraries**, adding new features and stability improvements. Highlights include, integrating Kingfisher-based image caching in Chat ([PR #215](https://github.com/exyte/chat/pull/215)) and improving camera handling in MediaPicker ([PR #39](https://github.com/exyte/media-picker/pull/39)).

## EDUCATION

**B.Tech - Computer Science and Engineering | IMS Engineering College, AKTU | 2020 - 2024**