Aman Kumar

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SUMMARY

I'm an iOS engineer with 2+ years of experience building apps in Swift. I enjoy learning about product problems, exploring design approaches, and turning ideas into clear, considered UI. I also contribute to open-source SwiftUI projects and explore AI tools and workflows.

SKILLS

Core: Swift, SwiftUI, UIKit, MVVM, Core Animation, AVFoundation, App Attest
Familiar with: Node.js, TypeScript, Express, Firebase, PostgreSQL, Prisma, Redis, BullMQ, Socket.IO, Kotlin, Python
Tools: Fastlane, GitHub Actions, Crashlytics, Mixpanel, Amplitude, Superwall, Figma, Claude Code, Codex

EXPERIENCE

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

- Developing **CapCap** (capcap.in), an automatic subtitle, caption and dubbing generator. Built a shared animated caption renderer for CapCap's live preview, video export, and template gallery, keeping captions visually consistent across editing and export. Improved the crash-free user rate from **~88% to 99.8%**.
- Improved CapCap's editor launch time by ~60% on long projects and rebuilt its project model as a multi-track timeline for multi-clip editing and separate original and dubbed audio.
- Added CapCap's "Behind You" captions using **Apple's Vision framework** to detect speakers and place text behind them.
- Built CapCap's AI captioning and dubbing backend with **Node.js** and Firebase Cloud Functions for transcription, translation, timed voice dubbing, voice cloning and music separation. Protected APIs with **App Check**, an **App Attest fallback** and rate limiting.
- Built **HeapChat** (heap.chat), a multilingual support platform in production as CapCap's **in-app support**. Implemented **Socket.IO** messaging, BullMQ/Redis jobs, PostgreSQL/Prisma, Cloudflare R2 and APNs, and delivered its iOS and web SDKs, Next.js dashboard and SwiftUI admin app.
- Led **EasilyTranslate**, a SwiftUI **Mac app** that translates String Catalog, Android, JSON and Markdown localization files while preserving formatting, placeholders and comments.

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 Firebase authentication, Firestore, Room DB, Koin, and Retrofit.

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) and improving camera handling in MediaPicker (PR #39).

EDUCATION

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