

Aman Kumar

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EXPERIENCE

SDE-1 | Inspire Dev Studio | New Delhi, Delhi | July 2024 - Present

- **CapCap App:** Currently developing [CapCap](#), a video editing app combining **UIKit** and **SwiftUI**, with **1000+** active users. Implemented font styling and configuration options. Developing onboarding and authentication SDKs using **Swift Package Manager**, enabling modular integration across apps.
- **Translytic macOS App:** Building Translytic, a macOS application in SwiftUI aimed at simplifying and automating iOS string translations with AI.
- **Product Homepage:** Developing a responsive, visually appealing [homepage](#) using Next.js and Tailwind CSS to enhance brand presence and showcase product features effectively.
- **Mobile Security:** Implemented Firebase **Cloud Functions** with **App Check** using Node.js to secure backend services and ensure only trusted app instances can interact with the API.

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

- Developed an iOS [Soundscape app](#) with **SwiftUI** and **MVVM architecture**, featuring soothing **music playback** and podcasts. Integrated Firebase for secure login and **Firestore** and **CoreData** for data management.
- Developed Android [PDF Scanner app](#) with advanced features such as scanning, editing, and offline organization. Utilized **CameraX**, **OpenCV**, **File handling**, **Hilt**, **Room DB in MVVM architecture**. Implemented custom image manipulation for easy adjustment of scanned images.
- Developed [Trakeat](#), a calorie tracking app in **compose** with **Firebase authentication**, **Firestore**, **Room DB**, **Koin**, and **Retrofit** with **SSL pinning** for secure API calls.
- Refactored the Android [Soundscape app](#), used by over 10K users, in **Flutter**, following best practices. This enhanced app speed by 70% and reduced bugs by 50%. The app features **GetX**, **ObjectBox DB**, **Get_it**, and the **MVVM architecture**.

PROJECTS

Slide News iOS App | github.com/firelord/slidenews

- News app inspired by **MindInventory's Dribbble** design using **SwiftUI**. Integrated Firebase 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.

WhatsTrek | www.whatstrek.com/

- Developed an Android app designed to enhance **WhatsApp** communication by reading notifications and sending **automated replies** based on user-configured **templates**. Integrated **in-app purchases** to unlock premium features and implemented **scheduled messaging** using **WorkManager**.

JotDown KMP (Kotlin Multi Platform) | 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 and elegant experience, and **SQLDelight** powering the database with shared logic across both platforms.

SKILLS

Languages: Kotlin, Swift, Python

Frameworks: SwiftUI, Jetpack Compose, Android View XML, Flutter, Bootstrap

Tools Familiar With: Git, Jenkins, Gerrit, GitHub Actions, Android Studio, VS Code, Figma, Xcode

EDUCATION

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