

## SUMMARY

I am proficient in creating Apps, SDKs, and frameworks for iOS using Swift and Objective-C. For the past 6 years, I have been developing iOS apps and frameworks using best coding practices, good architecture, and design patterns. I care a great deal about code quality, coding conventions, maintainability, and testability of the code I write. I have also worked on a few Android apps in the early years of my career and I have a working knowledge of Android development and distribution. Due to my interests in SDLC and its execution, I have also completed CSM certification from scrumalliance.org

In my spare time, I enjoy helping people on forums like StackOverflow, creating tools for myself that eventually have proved to be useful for the open-source community. Some of my personal work is open-sourced on Github.

## EMPLOYMENT

**Helpshift**, *Software Engineer II - SDK Developer*, Pune, India May 2020 - Present

- Worked on features for the native Helpshift iOS SDK which is installed on ~ 2B devices in 9000 apps.
- Improved the performance and memory usage of the SDK by using Instruments (Time Profiler and Memory tool)
- Developed a new SDK introduced by Helpshift, called **HelpshiftX** from scratch. This is a next-generation SDK that is developed to solve the problems with the existing SDK. The features in this SDK can be updated on the fly without the client needing to upgrade to a newer version. This SDK is fully customizable by the client apps and a very lightweight solution compared to the traditional SDK.
- Led the efforts for creating a **Unity wrapper** over this SDK for clients developing games in Unity.
- Created scripts for automating the artifact creation of HelpshiftX SDK (Creating **XCFramework**, creating API docs from the header files, etc)

**athenahealth**, *Member of Technical Staff - iOS Developer*, Pune, India May 2019 - May 2020

- Worked on the athenaOne application which is a practitioner-facing app that handles end-to-end workflows for acute and ambulatory hospital setups.
- Worked on Hands-free navigation using Nuance Speech SDK, which significantly reduces the typing effort and increases the efficiency of doctors.
- Worked on the documentation module, which helps the doctor to document patient's data in built-in templates as well as free text, which saves a significant time.
- Replicated functionalities from Cerner EHR into the mobile app.

**Loylogic Technologies**, *Mobile Developer (Android & iOS)*, Pune, India Oct. 2018 - May 2019

- Working single-handedly on the development of the company's loyalty (Reward Card) solution apps on iOS and Android platforms.
- Worked on a custom **payment gateway SDK** on both platforms for distribution among the merchants from scratch.
- Development of new features along with managing change requests to existing ones for existing apps
- Uploading the apps to the App Store and Play Store in a monthly release cycle.

**WorkApps**, *Senior Software Engineer*, Pune, India Apr. 2017 - Oct. 2018

- Working as Senior Software Developer with a team size of two people on developing enterprise collaboration apps like WorkApps, WorkApps Chat, and GSTHandbook from scratch.
- Implemented the **chat module** with features like two-way syncing of messages, multimedia sharing. This application used **Sockets** for sending and receiving messages.
- Developed the above apps highly configurable for white-labeling Used multiple target+scheme management.
- Achieved **modularity** of code using internal Cocoapods with local podspecs and xcconfig files.

**Quick Heal Technologies**, *Associate Software Engineer*, Pune, India June 2015 - Apr. 2017

- Worked as a solo iOS developer on Utility and Insurance app for iPhone & iPad - Quick Boost & Optimizer which has features like iPhone data usage tracking, optimization, and registration for Insurance for iOS devices in India.
- Implemented a **Backup and Restore** module for iPhone Contacts.
- Worked in a team for which was involved in the development of Android Mobile Security app named Quick Heal Mobile Security
- Research and POCs on various aspects of Security on Android & iOS phones.

*Intern developer*, Pune, India Jan. 2015 - June 2015

Worked on enhancements in the Quick Heal Mobile Security Android app

## SKILLS

**PROGRAMMING LANGUAGES:** Swift, Objective-C, Java

**PLATFORMS:** iOS, Android

**TOOLS:** Cocoapods, Testflight, Git, JIRA, Confluence, SVN, Android Studio, Instruments, Shell Scripting

## OPEN SOURCE PROJECTS

### SDDownloadManager

A Download Manager developed using Swift, which uses URLSession to handle multiple downloads. Supports block syntax for tracking progress. Distributed through Cocoapods.

### SDDatabase

A simple yet powerful wrapper over the famous FMDB. Provides fast and easy access to SQLite database operations in iOS eliminating all the boilerplate code. Distributed through Cocoapods.

## HOBBIES

Chess, Cricket, Cars, Smartphones and tech gadgets, tech books.