

# AASHANA DEEPAK SHAH

Senior iOS Engineer | Driving Innovation in Mobile Applications

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## SUMMARY

Highly skilled and competent iOS Developer with a strong background in industry technology having experience in developing multiple iOS applications, seeking new opportunities in mobile development domain.

## TECHNICAL SKILLS

**iOS Development:** Swift, Objective-C, SwiftUI, UIKit, CoreData, CoreLocation, MapKit, WatchKit, XCTest, XCUITest, Instruments, CocoaPods, Combine Framework, CoreAnimation, CoreGraphics, Foundation

**Databases:** SQLite, MySQL

**Tools:** Xcode, Git, Bitbucket, JIRA, Confluence, Gradle

**Other:** Android (Java, Kotlin), C/C++, Python, GraphQL, AFNetworking, JQuery, RESTful APIs, JSON, JavaScript, HTML, CSS

## WORK EXPERIENCE

**iOS Engineer - Premium** **LinkedIn, Mountain View, CA** **Dec 2021 – Present**

- Developed multiple features for LinkedIn Premium including **Featured section, Custom CTA, Who viewed my profile on post analytics, Write with AI** for messaging and inMails, **Premium Mobile subscription**
- Implemented brand new SKU: Premium for pages and its features including **Custom testimonial, Viewer of the day**
- Worked with cross functional teams to implement premium features in pages, profile, analytics, messages
- Lead discussions across the teams for the tradeoffs on efficiency vs quality to timely deliver product according to the set timelines
- Mentored 6 new grads and engineers to help onboard to the tech stack and set them up for success in their careers

**iOS Developer** **Dexcom, San Diego, CA** **July 2018 – Dec 2021**

### **Dexcom G6, G7 applications (Continuous Glucose Monitoring System)**

- Worked on the application that communicates with sensor via Bluetooth Low Energy (BLE) for Type 1 Diabetic patients
- Implemented Siri Watch face to provide a shortcut for checking glucose with a single tap
- Worked on core SDK and its integration for the upcoming features of the application
- Spearheaded the development of **Siri Shortcuts** feature for iPhone and Apple Watch for recent major release (G6-1.4.0)
- Provided subject matter expertise while collaborating with SDK, Sustaining and Testing team to ensure smooth release
- Improved code quality by optimizing and enhancing the existing code base there by supporting both Swift and Objective C
- Built core foundation of NextGen G7 app
- Developed the app and features from ground up which included new swift only UI, Combine framework
- Worked with stakeholders, Product managers to define requirements that worked for both mobile platforms
- Worked on SDS and SRS documentations in addition to requirements gathering and testing of Siri feature
- Accomplishments:** Successful integration and delivery of Siri feature, code complete for G7 app

**iOS Developer** **Artfiles LLC, San Diego, CA** **Jan 2018 – July 2018**

- Developed the mobile view of Artfiles website embedding features like usage, plans, domains and ticketing system
- Implemented features like live chat, downloads, updating mail accounts (IMAP, POP, spam, AVScan)
- Accomplishments:** Successfully completed 40% of the app from scratch

## RELEVANT iOS PROJECTS

### **Tic-tac-toe**

- Developed a classic X vs O game with average rating of 5 having 1000+ downloads with no crashes
- Implemented Singleton design pattern for incorporating soothing background music
- Designed a layer using pre-defined Class APIs of CoreAnimation framework for adding smooth animated effects
- Handled advanced text layouts and font rendering requirements using CoreText framework

### **Grocery check List**

- Developed app to replace get-items list stuck on refrigerators to a handy check list app with reminder
- Built notification feature to notify users with the stored grocery list when within a distance of 200m from the store
- Successfully saved, modified and retrieved data from CoreData where the data is stored persistently using SQLite

### **Explore 360 (Google Maps Prototype):**

- Developed a Google Maps Prototype enabling users to locate nearby restaurants, gas stations, malls & many more
- Fetches data like addresses, ratings & Lat Long of desired location using Alamofire by using Google Places APIs

## EDUCATION

San Diego State University, Masters in Computer Science

May 2018, GPA-3.8

Mumbai University, Bachelors in Computer Engineering

June 2016, GPA-3.7