

AASHANA DEEPAK SHAH

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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 hosted on AppStore, seeking new opportunities in mobile development domain.

EDUCATION

San Diego State University

Masters in Computer Science

May 2018

GPA-3.8

Mumbai University, Dwarkadas J Sanghvi College of Engineering

Bachelors in Computer Engineering

June 2016

GPA-3.7

TECHNICAL SKILLS

Programming Languages: iOS (Swift 3, Swift 4, Objective-C), Android (Java), C, C++, Python

Web Programming: JavaScript, JQuery, Angular JS, Bootstrap, HTML, CSS, WordPress, RESTful APIs, JSON, SOAP

Frameworks/Databases: CoreData, CoreLocation, UIKit, WatchKit, Facebook SDK, AFNetworking, CocoaPods, MySQL, SQLite, Foundation, CoreAnimation, CoreGraphics, MapKit, AddressBook

IDE/Tools: Xcode, NetBeans, Eclipse, Android Studio, Visual Studio, Tableau, Matlab, JIRA, Confluence, Git, Bitbucket

Testing Frameworks/DebugTools: XCTest, XCUITest, Instruments

WORK EXPERIENCE

iOS Developer II

Dexcom, San Diego, CA

July 2018 – Present

Dexcom G6 application (Continuous Glucose Monitoring System)

- Working on the application that communicates with sensor via Bluetooth Low Energy (BLE) for Type 1 Diabetic patients
- Implementing Siri Watch face to provide a shortcut for checking glucose with a single tap
- Actively working on integrating SDK 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 thereby supporting both Swift and Objective C
- Worked on SDS and SRS documentations in addition to requirements gathering and testing of Siri feature
- **Accomplishments:** Successful integration and delivery of Siri feature

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

iOS Developer

Ronda Rochell, San Diego, CA

May 2017 - Aug 2017

- Developing All-In-One application providing users with searching, shopping, delivery/shipping and ride-sharing experience
- Designed different UI dashboards implementing features depending upon the user signing as a driver or a rider
- Used AFNetworking CocoaPods networking library for iOS to communicate with backend to process data
- Created pickup alerts for riders when driver is close by fetching motion data using CoreMotion framework
- Fetched contact details using AddressBook framework to invite new users to download and share application

RELEVANT iOS PROJECTS

November 2015 – Present

Tic-tac-toe

- Developed a classic X vs O game with average rating of 5 having 500+ 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
- Implemented list-to-store mapping by adding, editing and saving items based on its availability at various stores
- 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
- Fetched data like addresses, ratings & Lat Long of desired location using Alamofire by using Google Places APIs