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   May 2018
Masters in Computer Science   **GPA-3.8**
Mumbai University, Dwarkadas J Sanghvi College of Engineering   June 2016
Bachelors in Computer Engineering   **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, G7 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 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
- Worked on SDS and SRS documentations in addition to requirements gathering and testing of Siri feature
- Applying MVC and MVVM design patterns and having all the logic in View Model helps to write Unit tests effectively
- Maintaining effective code coverage by writing unit tests for all the logic
- Working on next generation of Dexcom application: G7
- **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

Operations Intern   **EDF Renewable Energy, San Diego, CA**   **May 2017 - Aug 2017**
- Efficiently wrote and tested stored procedures on databases to reflect the efficiency of solar and wind projects
- Configured Tableau dashboard to graphically represent core attributes thereby assisting the analysis

RELEVANT iOS PROJECTS   **November 2015 – Present**
Tic-tac-toe (AppStore Direct Download)
- Developed a classic X vs 0 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 (AppStore Direct Download)
- 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