Jay Davis

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SUMMARY

- Five years designing, developing, testing, maintaining, and deploying native iOS applications.
- Deployed applications with Design Patterns such as Singleton, Delegate, MVC, and MVVM.
- Experienced in CocoaTouch frameworks including UIKit, Foundation, AVFoundation, CoreData, CoreLocation, MapKit, and CoreAnimation.
- Experienced in setting up Local and Remote Notifications in projects.
- Constructed and implemented UI designs using Storyboards with AutoLayout constraints.

SKILLS AND KNOWLEDGE

Languages	Swift, Objective-C, SwiftUI, Ruby, Ruby on Rails, Python, Java, JavaScript, React, CSS, React-Native, HTML.
Native tools	Foundation Framework, CocoaPods, WKWebview, URLSession, UIKit.
Database	COREDATA, SQLITE, Firebase, PostgreSQL, MongoDB.
Other	XCTest, Gitlab, Fastlane, Phrabicator, REST.

PROFESSIONAL EXPERIENCE

iOS Developer. Cigna (contract).   2022 – 2022

On contract to Cigna to build native apps and hybrid apps.
- Built iOS app to assess mental health (not released yet); includes chat functionality, communication tabs.
- Read data from pipeline to Splunk from Dynatrace to create KPI's for dashboard.
- Created error handling for user application so customer can debug from application.
- Added Crashlytics for viewing crash reports and support libraries for backward compatibility.
- Built static UI; added the dynamic attributes to healthcare questionnaires.
- Architected application following Atomic Design Principles yielding 44% greater component reusability.
- Developed detailed profile pages, caching images from API responses from quicker load times.
- Implemented modular search component with real time filtering and auto-suggestions.
- Created custom Push Notifications, RESTful APIs and interaction using React-Native-Camera.

iOS Developer. FordPass (contract).   2018 – 2019

FordPass Connect is embedded in a Ford vehicle to connect to Internet and provide functionality such as Live Traffic information and Wi-Fi hotspot. FordPass is the corresponding [mobile app](#).
- Used Charles Proxy to manipulate payload key values to see applications real time reaction for debugging.
- Created class objects to interact with the company Dynatrace's GUI.
- Polled data with Dynatrace to create a waterfall of data for data analysts to understand user experience.
- Debugged RxSwift Application with declarative and reactive functional programming concepts.
- Read data from pipeline to Splunk from Dynatrace to create KPI's for Splunk dashboard.
- Created error handling for user application so that customer can debug from application.
- Used React Native to convert FordPass application into hybrid application.
- Used SDWebImage to load images in image view.

iOS Developer. CVS Pharmacy (contract via Capgemini).   2020 – 2021

Worked on [CVS' mobile app](#) for shopping, prescriptions, payments, etc.
- Designed and developed Registration/Login module in Swift following MVVM design architecture.
- Developed prescribing Doctors' module to show prescribed doctors list.
- Used UICollectionView to show list data and views and xibs to design list item layout.
- Used AutoLayout and UIKit for UI design.
- Developed reminder module. Implemented Local Notifications to send notification for any reminder.
- Implemented dependency injection for loose coupling of code.
- Used Alamofire for network communication with API calls.
- Used DispatchQueues for asynchronous programming.
- Used SDWebImage to load images in image view.
- Added Crashlytics for viewing the crash reports and used support libraries for backward compatibility.
- Used Custom and Compound views to create different view elements to enhance the UI experience.
- Used various tools like SwiftLint, Sonarqube and Instruments for monitoring the app performance.
- Implemented data binding that allows binding UI components in layouts to data sources using a declarative format rather than programmatically.

iOS Developer. Shopper Network (MidCentury Media).   2019 – 2020

Built a shopping list app, [Shopper Lite Shopping List](#).
- Designed and developed UI following Apple HIG Navigation, Button, TextInput, AutoLayout on views.
- Improved the current view model architecture by using MVVM design pattern.
- Implemented UISearchBar and save the search results in Coredata of the user for easy access.
- Worked on Firebase Cloud Messaging Service to send users discounts and latest offers.
- Integrated URLRequest to fetch information about the products and used SDWebImage library to download the images and display them on a CollectionView.
- Designed a custom view to display the reviews and ratings of the products.
- Implemented design patterns like Singleton, Observer and Delegation for standardization.
- Implemented Crashlytics to keep a track of the crash reports of the user device and debugged critical application issues such as performance issues, memory leaks, and concurrency problems.

iOS Developer. Abri Credit Union.   2018 – 2019

Worked on [Abri's mobile banking app](#).
- Developed Account History feature for ABRI users to check additional details within the app.
- Implemented UIRefreshControl to get coupon codes for redemption of discounts/rewards.
- Used LocalAuthentication framework to provide Face ID access.
- Worked on providing accessibility-support in the app.
- Developed the check deposit feature with AVCaptureSession to capture the user's check.
- Followed Behavioral Driven Development; tested the app code on the basis of functional behavior.
- Used MapKit framework and integrated Apple Maps to display nearby ATM locations to a user.
- Integrated HockeyApp to collect crash logs and user metrics to ensure better user experience.

iOS Developer. Eventbrite.   2017 – 2018

Worked on [Evenbrite's mobile app](#) that manages events and tickets to them.
- Worked extensively with Objective-C and CocoaTouch frameworks.
- Worked on this project at all stages of the SDLC.
- Worked with a custom Sliding menu and CATransition to smoothly transition screens.
- Implemented the calling functionality in the application, using URL-Schema.
- Used CoreData to save all the events locally for offline support.
- Worked with NSDateFormatter to convert timestamp from the web-service response to local format.

EDUCATION AND TRAINING

Bachelor of Science. Tulane University.

Languages. Mandarin, Korean