

Vijay Shivaji Godse

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Work experience

Vignet IT solutions PVT LMT

Jan 2016 — Present

Software Engineer

Experience Summary:

- Accomplished open source software developer profession in Native iOS development with Swift language.
- Experience in agile methodology (Using JIRA tool and confluence)
- Have work experience on professional repositories (Git, Bitbucket and SVN)
- Have good domain knowledge of Health domain applications.
- Have work experience in Bluetooth low energy (BLE)

Achievement:

Got **Vignet Victor** Award in company on June 2018, For Kiosk application development .

Education

MSC Computer Science

2014 — 2016

Pune University

BSC Computer Science

2011 — 2014

Pune University

Technical Skills

IDE : Xcode

Language : Swift , Objective-C, Java and C

iOS Framework :

- UI design using Auto layout and Stack views
- App store submission
- Bluetooth Low Energy
- Core data
- App to app communication
- Grand Central Dispatch
- MVC, MVVM, Singleton, Delegate Patterns
- Health Kit
- REST API integration
- Framework development
- Local and Push Notifications

Third Party Library :

- Charts for graph

- Object Mapper for mapping object and JSON
- Crashlytics for crash reports
- AFNetworking and Alamofire for client-server communication
- AWSS3 for AWS S3 bucket communication

Professional Project Details

Project Name: Kiosk applications

Organization: Vignet It Solutions Pvt Ltd, Pune

Team Size: 3

Role in project: Developer

Technology used: Swift, Core Data, App Groups, VignetBLE Framework, Charts lib.

Project Summary:

Kiosk Project is a Research And Development application For Vibrant Health. There are two Applications Participant and Site manager, one captures data from BLE devices and pass data to the second Application for research. App to app communication is used for communication between two apps.

1. Site manager: This Application has BLE library to capture data (blood pressure, heart rate, weight, body temperature, etc.) from BLE devices.
2. Participant: This Application collects the data from the Site manager application to research the data of patients. This app shows instructions to user how this device communication works and shows data with respective validations.

Project Name: VibrentSense Framework

Organization: Vignet It Solutions Pvt Ltd, Pune

Team Size: 10

Role in project: Developer

Technology used: Swift, Core Data, AWS S3 Server integration

Project Summary:

VibrentSense framework is focused to work on research activities.

This framework has ability to fetch data from in built phone sensors as well from BLE devices.

Framework supports 50+ sensors and all sensors are configurable.

Currently it is focused around two areas:

- *Direct Integration Sensing Kit (DISK)* – BLE for personal use devices, including product development of components support physiological and environmental sensors
- *Passive Asynchronous Recording Kit (PARK)* – Passively sense and collect data from a variety of means on each mobile (GPS, accelerometer, etc..).

This also includes API based wearable through library API calls or cloud-based API calls to support additional third-party systems (i.e. weather, cloud-sourced environment sensors, etc...), watches, and frameworks like HealthKit, Google Fit, and Samsung S Health.

Project Name: StayStrong Program

Organization: Vignet It Solutions Pvt Ltd, Pune

Team Size: 6

Role in project: Developer

Technology used: Swift, Core Data, Server integration, Fitbit integration, VignetBLE Framework, Charts lib, Auto layout and stack view, Push notification.

Project Summary:

Veterans from Afghanistan and Iraq (OEF/OIF) are at high risk for becoming overweight and obese. 86% were overweight or obese at their first visit to the VA as reported in one recent study.

This project will test the feasibility and effectiveness of the prevention focused.

The primary outcome for this trial is minutes of moderate to vigorous physical activity per day. Weight loss, depression and pain will also be evaluated.

Project Name: MI-BP

Organization: Vignet It Solutions Pvt Ltd, Pune

Team Size: 4

Role in project: Developer

Technology used: Swift, Core Data, Server integration, Fitbit integration, VignetBLE Framework, Charts lib, Auto layout and stack view, Push and local notifications.

Project Summary:

This study will be the first of its kind to evaluate a multicomponent mobile intervention to change multiple HTN-related (Hypertension) health behaviors in African Americans with uncontrolled HTN.

- The primary outcome measures for this trial are BP control and mean systolic BP (SBP). Self-care adherence measures for physical activity, sodium intake, and medication adherence will also be evaluated.
- Given that mobile phone adoption is extraordinarily high in this target population, our approach could be easily scaled for wider implementation, with the potential to have a lasting impact on HTN self-management in African Americans

Academic Projects

Project Name: DressUp

Team Size: 2

Technology used: Objective-c

Project Summary:

DressUp is an online cloths shopping application for iPad. The main feature of this app is that instead of direct buying any product, user can try dress on himself or herself. For this user has to upload their photo and then using drag and drop facility, user can check outfit on himself or herself.

Using DressUp application User can reduce waste of time and can buy attractive products by just sitting at home.

Project Name: SmartDesk (Software For Interior Designers)

Team Size: 2

Technology used: Java

Project Summary:

SmartDesk is Web-Based system for interior designer to store their work details. Each user of SmartDesk can store their personal reminders which system will notify on that day. User can store various work details like client information, worker and supplier details, meetings details, site information, services provided to each site on system.

SmartDesk helps to decrease the burden of work for user. Using this user will reduce waste of time and paper work.

Declaration

I declare that the foregoing information is furnished to best of my knowledge and as per the documents.

Date:

Place: Pune

Signature: Vijay Shivaji Godse