

# YOGENDRA SHELKE

Technical Lead

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Pune, India



Passionate mobile application developer obsessed with quality and user experience. Constantly learning and honing skills. Love challenging myself to find better and more efficient ways to code.

- Over 6+ years of experience in mobile application development
- Extensive experience with the SDLC process
- Extensive experience in iOS, Android & React Native application design and implementation
- Experienced in working with several EHR and 3rd party system integrations
- Experienced in code versioning and code review
- Experienced in Object Oriented, Protocol Oriented & Functional Programming

## WORK EXPERIENCES

### Technical Lead

CitiusTech | 2020 - Present

- Lead Mobile Application Development team
- Collaborate with solution architect to design app architecture
- Guide team through technical issues and challenges
- Handle code versioning and code review
- Collaborate with cross-functional teams and management

### Senior Software Engineer

CitiusTech | 2018 - 2020

- Design, code and maintain mobile user experiences end-to-end
- Work closely with team to develop the best technical design and approach
- Optimize code for performance, stability and maintainability
- Collaborate with a cross-functional team of UI/UX, QA/Validation and DevOps

### Software Engineer

CitiusTech | 2015 - 2018

- Analysis of client requirements
- Collaborate with team to design and implement features
- Optimize code for performance, stability and maintainability
- Contribute to technical design documentation
- Continuously learn and improve skills

## PROJECTS

### PSS: Early ID

Android, iOS

Mobile app built for healthcare professionals (HCPs) to learn about the importance of identifying and referring PSS early. HCPs will have access to 'My Clinic' where they will be assigned case studies which can be classified into one of the three referral pathways defined by the PSS Referral Tool to earn points. They can create case studies under 'My Patient' module by providing required inputs and application will help them to classify those case studies into referral pathway. They will also have access to 'Learn more about PSS' where additional content on the early identification of PSS will be available. These insights will be reflected on 'My Stats' to encourage continuous engagement.

React Native   TypeScript   Adobe Analytics   Reanimated   Recoil

### Facial Morphing

iOS

Mobile application built for patients and physicians to manage clinical trials of Botox treatment. Patients can capture/upload images for scheduled study visits using application. Application identifies wrinkles on face with length, density and depth details while capturing image. Application also simulates age progression for given images with and without Botox treatment. Patients can also connect with clinician/site users using virtual consultation feature. Physician can manage assigned patients' trials and can also review images uploaded by patients.

iOS   Swift   AVFoundation   Metal   Accelerate

### Mobile Interop

Android, iOS

Mobile application built for patients to check their health benefits from different health providers. User can check Health Coverage, Claims, Care Team, Gaps in Care, Vitals, Goals, clinical information like Allergies, Medications and Conditions.

iOS   Android   Swift   Kotlin   Google Analytics

### Preclarus

Android, iOS

Mobile application designed for site users to manage clinical trials. Users can perform the activities such as reviewing critical alerts, query resolution, subject registration, visiting documentation, accessioning the sample, shipment/sample tracking and supply ordering. The users can also view reports of different tests performed on various subjects and trending graph of tests.

React Native   Android   iOS   JavaScript   TypeScript   Java   Swift

### Smart On FHIR

iOS

An iOS application built using SMART Health IT, an open standard based technology platform that enables innovators to create apps that seamlessly and securely run across the healthcare system. The app lets physicians to view and update list of patients and medications assigned to them from different providers like Epic, Care Evolution and Smart.

iOS   Swift   Swift-SMART

### PIXIT

iOS

An iOS application built to automate Invoice & Attestation process for Medical Directors, Regional Operations Directors and Divisional Vice Presidents. Applications lets user to accept, dispute, share ivoices and do attestations as well.

iOS   Swift   XCTest   Cocoapods

### Falcon Physician

iOS

An iOS app that lets physicians to review, sign and dispute orders. Physician could manage lab data and trends, check patient information including demographics, medications, lab results and more.

iOS   Swift   Objective-C   VIPER   XCTest   OCMock   Mixpanel

### Falcon Rounding

iOS

Nephrology-specific rounding app for dialysis centers. Application lets user to: Document limited and comprehensive dialysis notes, ePrescribe, Approve refill requests, View patient charts, Review past patient encounters, Send messages to office staff, Review patient schedules for dialysis centers.

iOS   Swift   Objective-C   VIPER   XCTest   OCMock   Mixpanel

## SKILLS

### Technical

iOS SDK - UIKit, SwiftUI

Android SDK

React Native

Apple Watch (WatchOS)

Swift

Kotlin

Java

JavaScript

TypeScript

MVC, MVVM, VIPER

Object Oriented Programming

Protocol Oriented Programming

### Professional

Effective communication

Team player

Strong problem solver

Good time management

## EDUCATION

### Bachelor of Engineering in Computer Science

Mumbai University

2011 - 2015

## LANGUAGES

English

Hindi

Marathi

## INTERESTS

Trekking

Watching TV

Listening to Music