SHUBHAM KAMDI

iOS Developer

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https://medium.com/@shubhamkamdidev

Experience

TWO Platforms Inc
Campbell, USA

Mobile Engineer
07/2023 - Present

- Developing AI powered social networking platform using SwiftUI.
- Implemented Video and Audio call features using LiveKit SDK, integrated VoIP notifications. Implemented CallKit using FSM based state management approach.
- Developed image transformation module using CoreML framework. Integrated Machine Learning models with iOS Apps. Worked with Anime Gan Models.

Intern
06/2022 - 06/2023

- Developing a video streaming module using AVFoundation, UIKit, SwiftUI, Codable and URLSession.
- Used AVPlayer to stream AI generated Audio, Video and display textual content.

SCU Frugal Innovation Hub
Santa Clara, USA

Mobile Application Developer
11/2021 - 06/2022

- I was developing an Android app natively, oriented towards improvement of education quality imparted in India. Used Java to develop this app, Zoom SDK to facilitate Video sessions and Volley to integrate Rest APIs.

FlytBase
Pune, IN

iOS Developer
09/2020 - 06/2021

- I developed and acted as an architect for FlytNow iOS app, which is used to control DJI Drones Via FlytNow's Cloud Dashboard
- Understand the requirements of drone users and implement those features in the iOS app, implement service calls in the iOS App using ROS Bridge Protocol and test the app extensively for each DJI Drone available in the Market.
- Implemented video streaming module using OpenTok SDK. Send video feed of the drone to Cloud dashboard.

Persausive Technologies
Pune, IN

iOS Developer
09/2019 - 09/2020

- Worked on modules like: BarCode/QRCode scanner, Google Maps, Direction's API, integrated realtime payment gateway using Stripe SDK.
- Integrated one on one chat modules, multilingual localisation and Deploying apps to Apple Appstore.

Appristine Technologies
Pune, IN

Trainee iOS Developer - Mobile Team
02/2019 - 09/2019

- UI development using Storyboards, RestAPI integration using URLSessions, Alamofire and SwiftyJSON.

TechniSure Solutions
Pune, IN

Jr iOS Developer
08/2018 - 02/2019

- Used URLSessions to get images to the iOS Apps.
- Worked with CoreGraphics and CIFillters to imporve image quality.

Education

Santa Clara University
MS in Computer Science and Engineering
09/2021 - 06/2023

University of Pune
BE in Computer Engineering
08/2014 - 06/2018

Skills

iOS Development · Rest API Integration · CocoaPods · Payment Gateway Integration · Firebase · Firebase Cloud Functions · FireStore · Github · Push notifications · VoIP Notification Integration · Google Maps · Directions API · VisionKit · URLSession · Java · Anime Gan · CoreML · MVC · MVVM · Swift · SwiftUI · UIKit · Web Socket · CoreML · CI Fillter · DJI SDK · AVFoundation · AVKit · Combine · Swift Concurrency · Snapkit · Codable · DispatchQueues · Core Video · Core Image · Android · Volley · XML · Third Party SDK Integration · Video Calling/Streaming · Call Kit

Publications

ICECA — https://ieeexplore.ieee.org/document/8474557
2018

Intelligent surveillance system using energy efficient intrusion detection and tracking techniques

R. A. Deshmukh, Shubham Kamdi, Mohak Pingle, Shivani Rajebhosale and Asawari Bhosale