Anand **Prem**

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work

2015- Current **SOFTWARE ENGINEER** *QBurst Technologies*

software skills

iOS
- Objective C
- Swift
- Functional knowledge on Xamarin

Web
- NodeJS
- Functional knowledge on ReactJS and HTML

eduction

2011-2012 **B.TECH IN COMPUTER SCIENCE AND ENGINEERING** *FISAT, Kerala, India*
7.4 CGPA.

projects

iOS App - **VISHO** *Video Shopping App*
Objective C An online shopping app that enables seller to upload video of products instead of images. The app provides payment option with PayPal. This app also provide a chat option for buyers with sellers. We can search products, users and tags within the app. Participated with all phases of project life cycle.
https://itunes.apple.com/in/app/visho-buy-sell-in-video/id906596256
- Performed complete APP redesign with AutoLayout.
- Added continues scroll for feeds.
- Implemented REST APIs
- UX improvements with CoreAnimations
- Added guest user session.
- Debugging and fixing AVFoundation memory issues.
- Implemented Push notifications.
- Implemented Facebook sign-in.
- App store submissions.

iOS App - **THERMOSTAT CONTROLLER APP** *Geofencing*
Objective C, The app is for an American based MNC. It's a Wi-Fi connected platform that is designed to monitor and
Swift control thermostat anytime, from anywhere. Performed entire app design revamp and integrated HomeKit and analytics.
As per my company policy, I couldn't mention the client name in resume
- Integrated HomeKit support.
- Analytics integration: -Localytics, AppDynamics.
- Integrated debugging tools: -Flex, FB Tweaks

iOS App - Swift	**QTRACKER** *In-house app*

QTRACKER *In-house app*

An iOS app that uses Estimote beacons to track the location of mobile phones in a building using BLE.

- Participated in architectural decisions.
- Implemented location tracker using CoreLocation and CoreBluetooth frameworks.
- App UI implementation.
- Implemented REST APIs
- Beta features using ARKit and CoreML
- Integrated Firebase analytics.

NodeJS App **IMPORTER SERVER**

A NodeJS application for a Japan based retail holding company. The application periodically downloads GB sized CSV or JSON data from AWS S3 bucket, perform some business logic and send the data to database where memory management and synchronization are key parts. Participated in all phases of project including architectural decisions.

- Participated in architectural decisions.
- Implemented AWS SNS, S3, SES.
- Familiarized with AWS EC2.
- Development using Docker.
- Implemented Elastic-Search
- Performed Redis integration.
- Slack notification implementation.
- NodeJS, ES7, ES8
- REST APIs

Android app **MATH EQUATION SOLVER** *side project*

An android app that solves almost all mathematical equations such as linear equations, quadratic, polynomial, integral and differential calculus etc. Simply scan the equation written in text books or anywhere else using the smartphone camera, and it returns the solution on screen.

- Tesseract OCR
- Wolfram alpha SDK

IoT -
Embedded C,
NodeJS

GARDEN AUTOMATION *side Project*

An arduino project that used to automatically water the garden by sensing the moisture content from soil and remotely control the same over internet.

- NodeJS
- embedded c

interests

Travelling, Movies, Exploring UX designs.