Manikhandan Palanivel

Personal info

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Skills

- iOS App Development
- Android App - Hybrid
- Swift/Objective-C
- Cordova / Ionic Framework
- Edge Connect
- HTML/JavaScript/css
- Typescript/Angular2+
- 3rd Party Integration - Native and Cordova Plugin
- Augmented Reality
- Appstore submission - Android and iOS
- Cordova Plugin Creation
- Distribution and Code Signing
- Postman / REST Client
- SVN,Git
- Design Patterns - SOLID/ DRY
- Fixed Bid Execution Model
- Agile Project Execution Model
- Fixed Bid Proposal / Estimation
- Dependency Manager - Cocoapod, Npm
- IOT/Python
- Data-Structure & Algorithms
- NPM Commands/ Node.js

Professional Summary

Innovative, forward-thinking professional offering over 3.5 years of success in various technologies in the areas of Mobile App Development such as iOS, Ionic, Cordova, Edge Connect, Xamarin, PWA. Towards my own interest I have good exposure to IOT, Python, Full Stack Development and Hyperledger (BlockChain). Expert in Retail, m-Commerce, Wealth Management in Banking, Middle-East Educational, Real Estate Domains.

Employment history

Software Engineer, Aspire Systems. Chennai
May. 2015 – Present

- Developed iOS and Hybrid Mobile Application and Released the app in both App Store and Play Store
- Adaptive and flexible in nature
- Worked on multiple technology by understanding the technology in short span of time
- Designed strategic plan for component development practices to support future projects.
- Proposed technical feasibility solutions for new functional and technical features.
- Led a small team of 4 member and took responsible for them and their deliverables
- Established compatibility with third party software products by developing programme for modification and integration.

Education

K. S. Rangasamy College of Technology, Tiruchengode, Tamilnadu
B.Tech, Information Technology, Apr. 2015

Awards

- **Role Star** - An Award from Organisation for PoC developed in new technology within short timeline and based on Customer feedback
- Recognised for **Fast Tracker Training Programme**, Leadership Programme **InterO**rganisation level
- **Hackathon Winner** - Hackathon winner in Blockchain Technology for Retail Domain by Hyperledger Fabric
- **Hackathon Runner** - Developed a smart Parking System with iOT using Raspberry Pi3, PubNub Protocol(MQTT), IR/UV Sensors

Projects

- **Wealth Management App - Ionic**
  - Integrated Resonance Authentication - 2Step Verification
  - Portfolio with charts using Fusion chart and Hi-Chart
- **Early Reading Assessment App - Ionic**
  - Integrated Audio capturing and updating CMS for future reference
  - Student Assessment will be taken and Grade point calculation with Performance monitor
  - Automated the evaluation process according to the assessment result
- **PRIOS - m-commerce App - iOS Native**
  - Integrated AR to view the cart items in-store
  - Integrated Beacon to in-store navigation
- **m-Commerce App - iOS Native**
  - Integrated Virtual Try-on using openCV Computer Vision library, through which the user can try the jewel items which the user selected