

Kavin Varnan

Full Stack Developer
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Summary

- More than five years of experience
 - Broad, in-depth technical skill set
 - Working experience on multiple technologies
 - Open-source contributor
 - Expert Android developer
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Work History

InvariaTech
Full Stack Developer
2016 – Present

- Created the [Proxfinity](#) complete Android application from scratch
- Worked on bit manipulation when talking back and forth to a BLE device
- Migrated the completed Proxfinity server from parse to a VPS backend
- DevOps in managing the backend

TAAL Tech
Mobile Consultant
2015-2016

- Helped team to re architect the complete application [vCarrot](#) on both Android and iOS
- Architected the backend to scale horizontally based on the user traffic

Virtual Applets
Co-Founder
2013 – Present

- Developed [Indulgge](#) a prototyping application for social networking. Developed Android/iOS and Server from ground up
- Developed [TaxiScout](#) an application for Taxi booking. Developed Android/iOS and Server from ground up
- Architected the software backend of an IOT device using MQTT protocol
- Created a Gallery app for Lollipop and up devices. Currently it has 75000+ downloads on Play Store
- Wrote significant open source sample applications (see [github](#))

Tringapps
Android Developer
2011-2013

- UI Android designer for [HBO GO](#) tablet application
 - Developed software architecture for significant portions of [Viper SmartStart](#)
 - Worked on TimeMobile in create autorefresh for new newsfeed
 - Maintained existing tools and improved readability of source code.
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Open-Source Contribution

Cross-Platform-AES - Helper utils to make AES 256 encryption and decryption Cross Platform using Android, iOS(swift, Obj-C) and Nodejs
PhotoCaptureAndroid - Easy Android photo capture using camera or gallery
SailsTodo - Kickstart sample application using SailsJS, AngularJS, MongoDB and Heroku
Dynamic-Grid - Sample application which creates Dynamic-Grid on Android
All the above application are available at <https://github.com/skavinvannan>

Personal Projects

2016 Unnamed application to make railway traveller easier (On-Going)
2014 DiodeOne. Standalone IOT device an elegant monitoring
2013 Nearby using Augmented Reality
2012 StayOnSocial

Skills

Android, DevOps, NodeJS, iOS, AngularJS, Spring, Hibernate, MongoDB, MySQL
Android BLE, VPS(Load Balancing), SailsJS, Express

Education

Alliance University Executive Post Graduate Diploma in Management
2016 – 2018

REC, Chennai Bachelor of Engineering, Computer Science
2007 – 2011

KVS School High School, Computer Science
2005 – 2007