

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
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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