

# Kavin Varnan

Experienced Full Stack Team leader possessing excellent technical architecting skills and problem solving in software development. My area of specialisation is architecting mobile applications and backend servers.

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<https://skvarnan.com>

## EXPERIENCE

### Ather Energy, Bangalore — *Manager*

MAY 2019 - PRESENT

- Involved in developing the customer facing website and its equivalent Backend server
- Managing the devops
- Worked on the charging infrastructure for Ather vehicles

### Invaria Tech, Bangalore — *Technical Lead*

MAY 2016 - APRIL 2019

- Technical lead for NodeJS and Android team
- Design, Architect and development of backend and mobile application
- Involved in Requirement analysis and complete DevOps architecture including clustering
- Travelled on-site couple of times

### TAAL Tech, Bangalore — *Software Engineer*

AUGUST 2015 - APRIL 2016

- Worked on Android application and backend server using NodeJS, SailsJS and MongoDB
- Built a basic CRM portal using SailsJS

### Virtual Applets, Chennai — *Co Founder*

JANUARY 2013 - AUGUST 2015

- Responsible for technical architecture of projects
- Worked on various Android, iOS, IOT and Cloud apps
- Had experience in finding, meeting and closing deals with clients
- Travelled on-site for client visit

### Tringapps, Chennai — *Research Analyst*

JANUARY 2012 - JANUARY 2013

- Worked on Android mobile and tablet apps
- Worked on Android UI extensively

## REPUTATION

[Stackoverflow](#) - 1580+

[Github stars](#) - 85+

## CORE TECHNICAL SKILLS

### Languages

- NodeJS (es5 and es6)
- Java
- Kotlin
- Embedded C
- Swift

### Backend

- NodeJS
- ExpressJS
- SailsJS
- Message broker
  - Google Pub/Sub
  - MQTT
  - RabbitMQ
- Spring and Spring Boot
- Hibernate
- PM2

### Databases

- MongoDB
- Redis
- Google BigQuery
- MySQL

### Android

- Kotlin
- RESTful API's
- BLE
- Jetpack Navigation
- Backend services
- Material design

## PROJECTS

### **Willowpump** — Feb 2018 - *Present*

Managed Software product life-cycle and development activities of app-based application.

Technologies used for this project - NodeJS, ExpressJS, Google PubSub, Kubernetes, Docker, Microservices, Firebase, Salesforce, Shopify, Electron, BLE, kotlin.

### **Proxfinity** — *May 2016 - Feb 2018*

Involved in developing Android apps and backend server from scratch.

Technologies used for this project - Android, BLE, Parse Server, Angular JS, SailsJS, Azure App Service, MongoDB

### **vCarrot** — *September 2015 - April 2016*

Ported the existing iOS app to Android and feature implementation for iOS. Built a basic CRM tool using SailsJS

Technologies used for this project - Android, iOS (Swift), NodeJS, SailsJS, RESTFul, MongoDB

### **DiodeOne** — *July 2014 - September 2015*

Created the complete project ecosystem

Technologies used for this project - Android, iOS, AngularJS 1.4, ESP8266, ESP32, MQTT, Bluetooth, WiFi, NodeJS, ExpressJS, MongoDB Mosquito, SonOFF

### **Indulge** — *August 2013 - June 2014*

Created the Android app and backend server

Technologies used for this project - Android, AngularJS 1.4, Spring, Hibernate, MySQL, RESTFul

### **HBO GO** — *May 2012 - January 2013*

Worked on UI and basic business logic

Technologies used for this project - Android Tablet UI, Mobile UI, JSON Processing

### **Time Mobile** — *January 2012 - May 2012*

Worked on UI and basic business logic

Technologies used for this project - RestFul API's, Authenticate API's, XML processing

### **DevOps**

- Docker
- Docker Swarm
- Kubernetes
- AWS
- Google Cloud Platform
- DigitalOcean
- Linode
- Azure (Only App Service)

### **IOT**

- ESP8266
- ESP32
- PlatformIO

### **Documentation Tools**

- JIRA
- Confluence
- ClickUp
- Gitlab

### **Other**

- iOS architecture skills
- Electron based webapps
- React and Angular architecture skills
- Firebase
- Facebook Parse Server

### **OPEN SOURCE**

- [Cross Platform AES](#) library on Github with 70+ stars
- [CryptoLib on NPM](#) with 5000+ downloads

## OTHER SKILLS

- Developing and timely delivery of working software that meets standards
- Good problem solving ability to break development hindrances
- Prioritizing programming work and task management accordingly
- Hosting meetings and having timely team interaction for smooth functioning of development process

## PERSONAL APPS

1. Vault - 10,000+ downloads
2. Galley - 500,000+ downloads
3. IOT hobby project running successfully for 1+ years

## EDUCATION

**REC, Chennai — BE**

SEPTEMBER 2007 - APRIL 2011

**KVS Matric, Virudhunagar — School**

## LANGUAGES

English, Tamil