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.

10th A Main Road,
Indiranagar, Bangalore
+91 97907 00016
skavinvarnan@gmail.com
https://skvarnan.com

EXPERIENCE

Invaria Tech, Bangalore — *Technical Lead*

MAY 2016 - PRESENT

- 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 – 1455+
Github stars – 70+

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

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

Indulgge — *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

- 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