

saravana thiyagaraj

lead software engineer

contact

th.saravana@gmail.com
stackoverflow://henry
github://thsaravana

programming languages

♥ Kotlin, Java
Groovy, JavaScript
CSS3 & HTML5
Python, C

skills

♥ Android
Spring, RxJava
Plugin development
(eclipse, IntelliJ)
Git, Gradle
Sonarqube

interests

origami, sketching
mathematics, animation
coding, cooking

selected projects

PostWrap

[play.google.com/PostWrap](https://play.google.com/store/apps/details?id=com.postwrap) - Poster Maker

An android app that instantly transforms plain text into a poster. This is a pet project of mine and the app has been downloaded over 500K+ times and has a 4.4 star rating.

Pikolo

github.com/Madrapps/Pikolo

An android color picker library that could be customized any way we want.

EyeDropper

github.com/Madrapps/EyeDropper

An android library to pick colors from any image loaded in an ImageView or anything drawn on a Custom View.

EventBus Plugin

[plugins.jetbrains.com/greenrobot-eventbus](https://plugins.jetbrains.com/plugin/10000-greenrobot-eventbus)

An IntelliJ IDEA / Android Studio plugin that supports navigation for Java/Kotlin projects that uses greenrobot's EventBus library by jumping between *post* and *subscribe*.

Dagger Plugin

[plugins.jetbrains.com/dagger-plugin](https://plugins.jetbrains.com/plugin/10000-dagger-plugin)

An IntelliJ IDEA / Android studio plugin that shows the Dagger binding graph and facilitates navigation between points for projects that uses Dagger 2 library.

JaCoCo Report

[github.actions/jacoco-report](https://github.com/actions/jacoco-report)

A Github action that publishes the JaCoCo report as a comment in the Pull Request with customizable pass percentage for modified files and for the entire project.

experience

2019 – Now freshworks

Perungudi, Chennai

– Working in *Freshdesk*, an online customer support app, written in Java, Kotlin and Go (hybrid app). Migrated monolithic code into modules (reusable modules used in 3 apps), java to kotlin, RxJava to coroutines, introduced material theming and enabled JUnit tests at view and view model level.

2015 – 2019 athenahealth

Perungudi, Chennai

– Worked in *athenaText*, a messaging app and *Epocrates*, a mobile medical reference app. Developed reactive modules using LiveData and RxJava, and did TDD using JUnit, Mockito, Espresso and Robolectric.
– Worked in a project (Spring Boot + Kotlin) that helps serve patient information in the HL7 format (CCDA) via multiple APIs.

2012 – 2015 Tata Consultancy Services

Siruseri, Chennai

– Worked in developing Easy Banking and Hello Bank!, two mobile apps for BNP Paribas. Won multiple awards like *star of the quarter*, *on the spot* for process improvement and automation.
– Developed multiple backend services for the mobile and web client using IBM Banking Transformation Toolkit (Java/XML) for BNP Paribas.

education

2008 – 2012 Bachelor of Engineering

Velammal Engineering College, Chennai

Specialization in Electrical and Electronics