

# saravana thiyagaraj

senior software engineer

## contact

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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  
writing plugins

## 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](https://github.com/Madrapps/Pikolo)

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

### EyeDropper

[github.com/Madrapps/EyeDropper](https://github.com/Madrapps/EyeDropper)

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

### AsyncQuery

[github.com/Madrapps/AsyncQuery](https://github.com/Madrapps/AsyncQuery)

A small utility library for android that supports bulk insert operation that's missing in the default AsyncQueryHandler.

### Handlebars Support

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

An IntelliJ IDEA plugin that associates Java/Kotlin files with Handlebar files (.hbs) and enables find usage, go to declaration, etc.

## experience

### 2019 – Now freshworks

Perungudi, Chennai

– Working in *Freshdesk*, an online customer support app, written in Java, Kotlin and Go. Migrated monolithic code into modules, java to kotlin, RxJava to coroutines and introduced material theming.

### 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 RoboElectric.  
– 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

Specialization in Electrical and Electronics

Velammal Engineering College, Chennai