

YOGANANDH

Android / Front-End Developer



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<https://g.VenomVendor.com>



Profile

Skilled **developer** with over 8+ years of experience in Android and Front-end technologies, always codes with high standards and delivers pixel perfect **User Interface** with extremely smooth **User eXperience**. An open source contributor.



Work Experience



Nov-2018 ... Present (Toronto)

Jan-2014 ... Oct-2018 (Bangalore-India)

Sr.Android/Front-End Developer

Build Android apps that are used by millions of users daily. Rewrite complex SDK from scratch to improve memory usage and performance. Worked on e-Commerce projects for the leaders in their respective markets. Setup multi-module codebase that can be reused across multiple projects. Design architectural solutions for critical components.

[SapientRazorfish](#)

Toronto



Jul-2013 ... Jan-2014

Android/Front-End Developer

Developed end-to-end Android app for Floost with RESTful APIs. Maintained Front-End of Floost website.

[Floost](#)

Remote



Dec-2011 ... Jul-2013

Android/Front-End Developer

Created multiple websites & developed Android POCs for clients & internal purposes.

[CMC Limited](#)

Bangalore



Skills



Android



Kotlin



Core Java



Javascript



HTML5/CSS3



Node.js



Mongo DB



Photoshop



Education



2007 - 2010

B.E. - Electronics and Communication Engineering.

[Hindustan College of Engineering.](#)
[Chennai](#)



2004 - 2007

Diploma - Electronics and Communication Engg.

[Swamy Abedanandha Polytechnic College.](#)



2003

S.S.L.C.

[Seshadripuram Boys High School.](#)
[Bangalore](#)



Certificates



Android App Development 2011
Tapping Aces - Bangalore.



MongoDB for Node.js 2015
MongoDB, Inc



Awards



Most Collaborative Person Aug'19

Given to an individual, who interacts well within the organisation.



Wall of Fame May'17

Given to an individual, who has been the best towards work, in a month.



Quarterly Award Jun'17

Given to an employee, who has been outstanding in three preceding months.



Expertise

Android

RxJava	Realm	9Patch	Google Analytics
Retrofit2	SQLcipher	EventBus	Stetho
Volley	GreenDAO	AutoNavi	Caldroid
Okhttp3	U.I.L.	App Indexing	MPChartLib
Gson	Picasso	GCM, FCM	OAuth, RESTful, JSON
Jackson	Glide	Crashlytics, Fabric	ProGuard
Social APIs integration	Support Libraries	Complex multi-module setup	FastLane
Junit4	Mockito/PowerMock	Robolectric	Espresso

Front-End

HTML5	Gulp	Node.js	Mongo DB
CSS3	Grunt	Express	Require js
OOJS	SASS	ejS	FullStack - Node.js

VCS

GIT	SVN	TFS
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C.I - C.D



Others

Stash/GitLab	SonarQube	JIRA	Codecov
Jacoco	Groovy {for Gradle}	Confluence	Codacy



Projects

ANDROID

PC Optimum - Loblaw

Overview: Loyalty program for Loblaw Companies Limited.

Major contributions / tasks:

- Migrated ~20% of code base from Java to Kotlin. Code base is currently 100% in Kotlin.
- Created gradle plugin that downloads API keys from VAULT during build time, encrypts and bundles as NDK. This security plugin autogenerates classes, that exposes API for app to access decrypted secrets in runtime.
- Created figma tool that translates designs in Figma to equivalent Android styles & themes.
- Improved performance of runtime string manipulation & styling by an average of ~77µs for each access. App can access ~1900 strings in every app cycle.
- Separated debug only libs & implementation to debug flavour, this leaves no residue in release builds.

Play Store: <https://play.google.com/store/apps/details?id=com.sap.mdc.loblaw.nativ>

Engineering Productivity - Loblaw Digital

Major contributions / tasks:

- Setup CI-CD for Android apps across LCL.
- Created scripts to run UI tests in parallel, in Firebase Testlab and Emulator.
- Created scripts to pull reports from all tests & push it to SonarQube, Jira and Slack.
- Brought down build time in Gitlab from 40minutes to under 19minutes.

McDonald's SDK

Overview: Rewrote McDonald's SDK from scratch using latest framework. Redesign APIs for best performance & usability.

Major contributions / tasks:

- Created multi-module codebase with complete CI-CD setup, that can publish artifacts to consumers automatically.
- Created core module on which multiple features are built.
- Authored multiple critical components in SDK.
- Created network component that can handle HTTP-304 without external libraries
- Lead a team, mentor other developers, review PRs
- Improved code coverage from 20% to 70%, currently it is over 90%
- Wrote various scripts to improve developer workflow.

Team size: 3 - 8

McDonald's App

Overview: Official Android App for world's largest foodservice retailer. End-to-End solution, from store locator, favourites, Burger customization to Ordering, lot's more.

Major contributions / tasks:

- Created base styles & styled components
- Created reusable view widgets
- Review code of 5 - 40 devs
- Authored complex animations
- Production support for very high priority issues.
- Reduced app size by 30%

Team size: 5

Play Store: <https://play.google.com/store/apps/details?id=com.mcdonalds.app>

DeduplicateSMS

Overview: Open Source app, which removes duplicate MMS & SMS.

Major contributions / tasks:

- Design, development of all the features, bug fixing & upgrading.

Play Store: <https://play.google.com/store/apps/details?id=com.venomvendor.sms.deduplicate>

Multi Uninstaller

Overview: Filters all the 3rd party apps & sorts in Alphabetical order. User can select single or Multiple Apps, finally uninstall all the apps at once. Last update(December'2013). Very much stable.

Major contributions / tasks:

- Design, development of all the features, bug fixing & upgrading.

Play Store: <https://play.google.com/store/apps/details?id=vee.vee.uninstaller>

KFC Store Locator

Overview: App which has all the details of the KFC Locations in India. Based on the user's selection of city & area the respective details are shown. Had >70K downloads(2013) in Android Market. (This app is disabled since KFC has released their own app)

Major contributions / tasks:

- Design, development of all the features, bug fixing & upgrading.
- Expose APIs on server side & update data regularly.

Play Store: <https://play.google.com/store/apps/details?id=veevee.kfc>

Front-End

Holt Renfrew

Overview:

e-commerce website for Holt, Renfrew & Co.

Team size: 4

Major contributions / tasks:

- UI Development with interaction, Integration support with backend jsp.

Website: <https://www.holtrenfrew.com>

Tesco-Direct

Overview:

e-commerce website for Tesco.

Team size: 10 - 15

Major contributions / tasks:

- UI Development with interaction, Integration support with backend jsp.

Website: <https://www.tesco.com/direct>

Tesco-F&F

Overview:

e-commerce website for Tesco Clothing and Accessories.

Team size: 10 - 15

Major contributions / tasks:

- UI Development with interaction.

Website: <https://www.clothingattesco.com>

KSRTC-ITS

Overview:

Commuter portal for KSRTC Mysore.

Team size: 1+

Major contributions / tasks:

- UI design, development with interaction, Integration support with backend jsp.

Website: <http://mitra.ksrtc.in/>

Coffee Garden

Overview:

Static website for coffee garden home stay.

Team size: 1

Major contributions / tasks:

- UI design, development with interaction and form submission.

Website: <http://coffeegarden.in>

Inception DS

Overview:

Static website for Inception Design Studio.

Team size: 1

Major contributions / tasks:

- UI design, development with interaction and form submission.

Website: <http://inceptionds.com>



Languages

English



Telugu



Tamil



Kannada



Hindi

