

# Hitanshu Dhawan

Senior Android Engineer

hitanshudhawan1996@gmail.com  
+91 9818097025

linkedin.com/in/hitanshu-dhawan  
github.com/hitanshu-dhawan  
medium.com/@hitanshudhawan

## WORK EXPERIENCE

### Urban Company — Software Engineer

DEC 2018 - PRESENT

- Worked on a feature to upsell add-ons to customers, which increased our AOV by 35%. These were contextual add-ons based on the past services that our customers availed.
- Developed an android library that generates boilerplate code for starting activities and initializing fragments using annotation processors.
- Ensured proper coding standards are followed within the team by implementing custom lint rules.
- Designed, developed, and optimized our new search screen, which increased the conversion rate by 16%.
- Made a handy tool by forking [Chucker](#) library, which simplified the inspection of analytic events improving the developer experience.

### Urban Company — Software Engineer Intern

JUN 2018 - NOV 2018

- Used MVP and MVVM architecture to implement product features.
- Integrated payment gateways like Juspay and Amazon Pay.
- Reduced app's memory usage by 20% by detecting and fixing various memory leaks.

## PROJECTS

### SpannableStringParser

An android library to easily style your texts with just a formatted string that can also come from a back-end server. It performs lexical analysis followed by parsing that uses finite automata to process the string and at last converts it to a spannable string.

This project was featured in [Android Weekly Issue #396](#).

### McCompose

A McDonald's app built with Jetpack Compose.

This project was featured in [Android Weekly Issue #453](#).

## EDUCATION

### Manav Rachna International University, Faridabad B.Tech in Computer Science and Engineering

2014 - 2018

## PUBLICATIONS

### Writing your own Annotation Processors in Android

Deep dive into Annotation Processors and how to write one.

[Article](#) • [Code](#)

This article was featured in [Android Weekly Issue #329](#).

### Firestore ML Kit 101 Series

Series of articles demonstrating the usage of Firestore ML Kit APIs.

[Article](#) • [Code](#)

### How I made my own LiveData!

Internals of LiveData explained by implementing one.

[Article](#) • [Code](#)

## TALKS / PODCASTS

### Writing your own Annotation Processors in Android

[Talk](#) • [Slides](#) • [Code](#)

### Writing DSLs in Kotlin

[Talk](#) • [Slides](#) • [Code](#)

### Writing Custom Lint Rules

[Talk](#) • [Podcast](#) • [Slides](#) • [Code](#)

## ACHIEVEMENTS

Google Certified Android Developer

## SKILLS

Android Development, Java, Kotlin, SQL, Room DB, Firestore, Jetpack Compose, Annotation Processing, Custom Lint Rules