

# Subhrajyoti Sen

Android Engineer | Google Developer Expert

[subhrajyoti12@gmail.com](mailto:subhrajyoti12@gmail.com) | +917026820631

## EXPERIENCE

### KeepTruckin | SENIOR ANDROID ENGINEER

Sept 2020 – Current | Bengaluru, India

- Developing modules shared with iOS using Kotlin Multiplatform Mobile
- Leading migration of existing UI to Jetpack Compose
- Implemented a common UI components library to be shared across 2 apps
- Refactored styling system to make correct usage of themes and styles
- Worked on migrating the Driver app from AppCompatActivity to MaterialDesign theming.
- Implemented onboarding screens with ConstraintLayout and Lottie
- Reduced build time by 50% by using Gradle tasks optimisations
- Refactored existing modules to make proper usage of Architecture Components

### Tickertape (Smallcase) | LEAD ANDROID ENGINEER

Dec 2018 – Sept 2020 | Bengaluru, India

- Lead the Tickertape Android team of 4 engineers and scaled the app to 1M downloads with a rating of 4.6
- Modified MPAndroidChart extensively to add custom gestures and customizable line and bar charts
- Wrote custom Lint rules for better integration of design system
- Implemented using MVVM architecture with Dagger 2 for DI and coroutines for multi-threading
- Contributed fixes to various Open Source libraries used in the app.
- Reduced build times by around 55%
- Improved code coverage by writing unit and Espresso tests

### Hubbler | ANDROID DEVELOPER

Sept 2018 – Dec 2018 | Bengaluru, India

### Société Générale | SOFTWARE ENGINEER

Jun 2018 – Sept 2018 | Bengaluru, India

### WIOS Designs | ANDROID DEVELOPER

Feb 2016-Feb 2018 | Bengaluru, India

## PROJECTS AND OPEN SOURCE

### Firefox Focus, Android Components

- Fixed the app shortcuts on production variant.
- Made the app installable from Samsung App Store.
- Fixed unit test cases.
- Fixed default app preference settings below Android N.

### Noteworthy

- Note taking app implemented using MVVM architecture.
- Wrote unit and Espresso tests to verify working of the ViewModel, Repository and UI interactions.
- Setup a CI pipeline using GitHub Actions to run tests on all commits

## EDUCATION

### B.E IN COMPUTER SCIENCE

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Bengaluru, India

Distinction (All Semesters)

### ANDROID NANODEGREE

UDACITY

Jan 2017 | Bengaluru, India

## SKILLS

### LANGUAGES

3+ years:

Java • Kotlin

1+ years:

Python

### ANDROID/TOOLS

Firebase • Dagger • Coroutines

RxJava • Gradle • Canvas

Room • ViewModel • LiveData

Git • CI • Epoxy • Retrofit

Lottie • Glide • WebSockets

Jetpack Navigation • MotionLayout

Jenkins • Lint

## TALKS

[Demystifying Styles and Themes](#)

[Journey of Time](#)

[Where Did My State Go](#)

[Building a better codebase with Lint](#)

## BOOK

[Real-World Android by Tutorials](#)

## LINKS

[GitHub](#)

[LinkedIn](#)

[Website](#)