

Subhrajyoti Sen

Android Engineer | Google Developer Expert

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EXPERIENCE

Motive | ANDROID ENGINEER

Sept 2020 – Current | Bengaluru, India

- Collaborated with designers, product managers and other developers to implement solutions
- Implemented a common UI components library to be shared across 2 apps
- Setup and managed the CI/CD pipelines for the Android and iOS apps
- Reduced build time by 50% by using Gradle tasks optimizations
- Improved maintainability of the codebase by moving to a multi-module setup.
- Improved performance by reducing ANR rate from 1.7% to 0.3%
- Mentored engineers new to the team

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
- Setup and maintained Android CI/CD pipelines using Bitrise
- 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

- Implemented a real-time employee status update dashboard using Firebase Database
- Improved performance of long scrolling pages by converting them into heterogeneous RecyclerViews

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 and default app preference 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

SKILLS

LANGUAGES

4+ 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

[Understanding WindowInsets](#)

[Shipping Apps Confidently with Firebase](#)

[Demystifying Styles and Themes](#)

[Journey of Time](#)

[Where Did My State Go](#)

[Building a better codebase with Lint](#)

BOOKS

[Real-World Android by Tutorials](#)

[Saving Data on Android](#)

LINKS

[GitHub](#)

[LinkedIn](#)

[Website](#)