

Subhrajyoti Sen

Android Engineer | Google Developer Expert

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EXPERIENCE

Motive | SENIOR SOFTWARE ENGINEER

Sept 2020 – Current | Bengaluru, India

- Leading the Kotlin Multiplatform efforts across the Android & iOS apps resulting in 30% faster feature delivery.
- Leading Jetpack Compose adoption, leading to a consistent and theme-able design system.
- Improved code coverage by 28% and reduced test times by 18%.
- Set up and manage the CI/CD pipelines for the Android and iOS apps.
- Improved maintainability & reusability of the codebase by breaking down 3 modules into 50+ modules, eventually bringing down incremental build times by 30%.
- Launched 20+ user-facing features with 100k+ Monthly Active Users
- Improved performance by reducing the ANR rate from 1.7% to 0.01% and maintained it over 4 years.
- Mentoring engineers across teams and levels.

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 and crash free rate of 99.4%
- Wrote custom Lint rules for better integration of design system
- Wrote a custom navigation stack to closely mimic Instagram's multi-tab navigation
- 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 15% writing unit and Espresso tests
- Mentored engineers across levels

Hubbler | ANDROID ENGINEER

Sept 2018 – Dec 2018 | Bengaluru, India

Societe Generale | SOFTWARE ENGINEER

June 2018 – Sept 2018 | Bengaluru, India

WIOS Designs | ANDROID ENGINEER

Feb 2016 - Feb 2018 | Bengaluru, India

PROJECTS AND OPEN SOURCE

Firefox Focus, Android Components

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

Miscellaneous

- Contributed a memory leak and warning fixes to [Epoxy](#).
- Maintaining kotlin, maestro, ktlint and cocoapods at [nixpkgs](#)
- Made tasks cacheable at [dependency-analysis-gradle-plugin](#)

EDUCATION

B.E IN COMPUTER SCIENCE

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Bengaluru, India

ANDROID NANODEGREE

UDACITY

TALKS

[An Updated Guide to Timekeeping](#)
[Exploring a KMM Developer's Toolkit](#)
[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](#)
[Kotlin Multiplatform by Tutorials](#)

LINKS

[GitHub](#)
[LinkedIn](#)
[Website](#)