

# Subhrajyoti Sen

Android Engineer | Google Developer Expert

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

## EXPERIENCE

### **Motive** | ANDROID ENGINEER

Sept 2020 – Current | Bengaluru, India

- Leading the Kotlin Multiplatform efforts across the Android & iOS apps.
- Improved code coverage by 24% and reduced test times by 10%.
- Setup and managed the CI/CD pipelines for the Android and iOS apps.
- Improved maintainability & reusability of the codebase by breaking down 3 modules into 30+ modules, eventually bringing down build times by 30%.
- Launched 10+ user-facing features with 50k+ Monthly Active Users
- Improved performance by reducing the ANR rate from 1.7% to 0.02%.
- Mentoring engineers across teams.

### **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
- 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 writing unit and Espresso tests

### **Hubbler** | ANDROID DEVELOPER

Sept 2018 – Dec 2018 | Bengaluru, India

### **Societe Generale** | SOFTWARE ENGINEER

June 2018 – Sept 2018 | Bengaluru, India

### **WIOS Designs** | ANDROID DEVELOPER

Feb 2016 - June 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 cases 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](#)
- Make tasks cacheable at [dependency-analysis-gradle-plugin](#)

## EDUCATION

### **B.E IN COMPUTER SCIENCE**

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Bengaluru, India

Distinction (All Semesters)

### **ANDROID NANODEGREE**

UDACITY

## TALKS

[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](#)