Subhrajyoti Sen

Android Engineer | Google Developer Expert

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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
- 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

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

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