Pruthvi Duvva

Android Developer

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Github • **Linkedin** • **Personal Site**

Work Experience

June 2020 - Present	Android Developer, Groww (Koltin)	Bengaluru

A startup with more than 10M+ users and a 4.5-star android app rating.
I have worked ask with more than 5 Product managers across 2 PODs and I have been Release Manager 4 times.
UX & Core:
- Search
  - Brought up and implemented ideas for feature search and feedback CTA.
  - Feature search now has nearly 1.2M clicks/month.
  - Restructured search architecture and reduced LiveData usage by 10x.
- WebView
  - Developed custom two-layer caching logic (Disk + memory LRU caching) of assets file caching for low network bands (2G, 3G).
  - This led to a nearly 60% (~4.79 to ~1.96) reduction in page load time.
  - Migrated the Help and Support section to WebView.
- Implemented features like root and overlay detection, More Products, and upgraded deprecated fingerprint library to biometric library.
- Conducted several A/B experiments using Firebase with a custom audience.
- Added logic for handling corner cases for line charts like upper circuit, lower circuit, and missing data points.

MF & Gold:
- Drafted multiple API contracts and reduced network traffic by 5x in one use case.
- Developed and was POC for more than 6 screens for eg: SIP(Systematic Investment Plan) journey (SIP details, Edit SIP, SIP landing) and gold front screens (explore, dashboard, product page) in the android app.

Jan 2020 - June 2020	Android Developer Intern, Groww (Koltin)	Bengaluru

- Was among the initial 4 native developers.
- Responsible for migrating codebase from react native developers for more than 3 use-cases (e.g. Search, Stock & MF order details, My orders) for performance benefits.

Education

Aug 2016 - May 2020	Bachelor of Engineering, Computer Science, Birla Institute of Technology and Science	Goa

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Skills

App development skills: Android app development, API contract, User Interface, Design principles

Other internships

May 2019 - July 2019   Software Engineering Intern, J.P Morgan   Hyderabad
May 2018 - July 2018   Summer Intern, TSIIC   Hyderabad

Other projects

- MoviDB Link:
  - Showcase application is entirely written in kotlin.
  - Uses the latest libraries and tools.
  - Uses Coroutines throughout and Dagger for dependency injection.
  - Uses many of the Architecture Components, including Room, Lifecycle.
  - Uses Clean architecture and MVVM architecture for the presentation layer.
- Release train tool. Link:
  - Release train is a technique for coordinating releases across multiple teams or components that have runtime dependencies.
  - Tools can be used to measure and track release status.