

Pruthvi Duvva

Android Developer

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[Github](#) • [Linkedin](#) • [Personal Site](#)

Skills

App development skills: Android app development, API contract, User Interface, Design principles, MVVM, Clean Architecture, Coroutines, WorkManager, Glide

Language & Frameworks: Kotlin, Java, WebView, XML

Databases: Room, Shared Preferences

Others: Agile process, Release train, Coda

Work Experience

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|----------------------|--|------------------|
| June 2020 - Present | Android Developer, Groww (Kotlin) | Bengaluru, India |
| | <ul style="list-style-type: none">• Worked with more than 5 product managers across 2 teams and have been release manager 4 times. (10M+ userbase, 4.5-star rating)• Proposed and implemented features like feature search and feedback CTA which now has nearly 1.2M clicks/month.• Restructured search architecture and reduced LiveData usage by 10x.• Reduced WebView page load time by 60% (~4.79 to ~1.96) by developing hybrid two-layer caching logic (Disk + memory LRU caching) of both assets & file caching for low network bands (2G, 3G).• 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. With one variant outperforming others by 4% with 99% confidence.• Drafted multiple API contracts and reduced network traffic by 5x in one use case.• Developed and owned more than 6 screens for eg: Systematic Investment Plan(SIP) 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 (Kotlin) | Bengaluru, India |
| | <ul style="list-style-type: none">• 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 enhancement. | |
| May 2019 - July 2019 | Software Engineering Intern, J.P Morgan Chase | Hyderabad, India |
| | <ul style="list-style-type: none">• Developed web learning portal for internal users.• Provided insights on the UI toolkit.• Tech: Angular. | |

May 2018 - July 2018

Summer Intern, TSIIC

Hyderabad, India

- Developed a landing page for pharma digital health cluster.
 - Tech: HTML, CSS, Javascript.
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Education

Aug 2016 - May 2020

Bachelor of Engineering, Computer Science, Birla Institute of Technology and Science

Goa, India

Key projects

MovIDB [Link](#):

- Movie database application on Android, built using kotlin.
- Features: Search and discover popular movies. View movie details like cast, reviews, ratings etc.
- Built on coroutines throughout and Dagger for dependency injection.
- Uses Android Architecture Components, specifically ViewModel, LiveData and Room. Build on Clean architecture overall and MVVM architecture for the presentation layer.
- Offline functionality by room and full-text search using FTS4 integration.

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.