

# Pruthvi Duvva

## Android Developer

+917083484751, [pruthvi.duvva98@gmail.com](mailto:pruthvi.duvva98@gmail.com)

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

### Skills

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

Language & Frameworks: Kotlin, Java, XML

Databases: Room, Shared Preferences

Others: Agile process, Release train, Coda

### Work Experience

June 2020 - Present	<b>Android Developer, Groww (Kotlin)</b>	Bengaluru, India
	<ul style="list-style-type: none"><li>• Worked with more than 5 product managers across 2 teams and have been release manager 4 times. (10M+ userbase, 4.5-star rating)</li><li>• Proposed and implemented features like feature search and feedback CTA which now has nearly 1.2M clicks/month.</li><li>• Restructured search architecture and reduced LiveData usage by 10x.</li><li>• Reduced page load time by 60% (~4.79 to ~1.96) by developing hybrid two-layer caching logic (Disk + memory LRU caching) of both assets &amp; file caching for low network bands (2G, 3G).</li><li>• Migrated the Help and Support section to WebView.</li><li>• Implemented features like root and overlay detection, more products, and upgraded deprecated fingerprint library to biometric library.</li><li>• Conducted several A/B experiments using Firebase with a custom audience. With one variant outperforming others by 4% with 99% confidence.</li><li>• Drafted multiple API contracts and reduced network traffic by 5x in one use case.</li><li>• 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.</li></ul>	
Jan 2020 - June 2020	<b>Android Developer Intern, Groww (Kotlin)</b>	Bengaluru, India
	<ul style="list-style-type: none"><li>• Was among the initial 4 native developers.</li><li>• Responsible for migrating codebase from react native developers for more than 3 use-cases (e.g. Search, Stock &amp; MF order details, My orders) for performance enhancement.</li></ul>	
May 2019 - July 2019	<b>Software Engineering Intern, J.P Morgan Chase</b>	Hyderabad, India
	<ul style="list-style-type: none"><li>• Developed web learning portal for internal users.</li><li>• Provided insights on the UI toolkit.</li><li>• Tech: Angular.</li></ul>	

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

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## 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.