



# Manasa Timalapura

LEAD SOFTWARE ENGINEER

## Details

Bengaluru

India

+91 9632731004

[manasatimalapura@gmail.com](mailto:manasatimalapura@gmail.com)

## Links

[Website](#)

[LinkedIn](#)

## Skills

Android

Kotlin, Java

React Native

JavaScript, TypeScript

Git, CI/CD

TDD

Communication

## Professional Summary

Innovative and deadline-driven mobile app engineer with a decade of technical experience in spearheading the development of 10+ android apps across diverse sectors, including Edtech, Healthcare, E-commerce, IoT, and 30+ apps in Gaming. Dedicated to delivering cutting-edge solutions, I also bring expertise in product engineering, project management practices, cross-team collaboration, team leadership and mentoring in agile development environment.

## Play Store Links

### Colearn

<https://play.google.com/store/apps/details?id=com.iq.colearn>

### Synup

<https://play.google.com/store/apps/details?id=com.synup.android>

### Lakme Make up Pro

<https://play.google.com/store/apps/details?id=com.modiface.lakme.makeuppro>

## Employment History

### Product Engineer, Colearn (IQ Edu Sole LLC), Bengaluru India & Abu Dhabi UAE

APRIL 2021 – MAY 2023

- Pioneered the development of **CoLearn**, an edtech product for Indonesian students with paid live classes and a free automated doubt solver feature.
- Applied Pair programming, TDD with JUnit, and Espresso to enhance the app's robustness.
- Engineered solutions in Kotlin, Clean Arch, React Native Web, and Jest.
- Achieved patch releases within an hour during Zoom SDK outages.
- Improved crash-free rate from 92% to 99.6% for about 5 million daily active users
- Successfully reduced app size by 15 MB through resource optimization and Proguard.
- Instrumental in rigorous testing and proactive app health monitoring.

### Senior Android Developer, Synup Digital Pvt Ltd, Bengaluru

NOVEMBER 2019 – MARCH 2021

- Orchestrated the creation of Synup, an intent marketing solution empowering enterprise businesses and marketing agencies to manage brand visibility.
- Championed the utilization of Kotlin, MVVM, Clean Arch, TDD with JUnit, and Mockito.
- Streamlined development processes through effective Git version control.
- Increased test coverage of modules to 90%.
- Implemented an efficient release mechanism with CI/CD and trunk-based development.

### Senior Android Developer, Neuu Labs Pvt Ltd, Bengaluru

DECEMBER 2018 – APRIL 2019

- Consulted on kiosk apps for spindle-based and tray-based vending machines (Neuu Pantry and Tiny Mart).
- Improved app speed and performance by refactoring code.

- Leveraged expertise in Kotlin, Java, and JUnit to enhance app functionality.

### **Senior Android Developer, Widas Concepts Pvt Ltd, Bengaluru**

NOVEMBER 2017 – NOVEMBER 2018

- Spearheaded the development of Android apps for healthcare (3netra Specto to perform refraction test for eyes using BLE communication between the device and the app) and school bus tracking (MyBusTrackr).
- Increased test coverage of modules to 80%.
- Utilized Java, Kotlin, MVP, Junit, and Socket.io to deliver robust solutions.

### **Senior Application Developer, Divum corporate Services Pvt Ltd, Bengaluru**

JANUARY 2016 – SEPTEMBER 2016

- Enriched the real-time makeup app, Lakme MakeUp Pro, with DIY content.
- Contributed to an Audio/Video streaming app for spiritual content.

### **Android Developer, Demansol Technologies Pvt Ltd, Bengaluru**

SEPTEMBER 2011 – JULY 2015

- Engineered 2D physics games, a wearable app for pregnant women, and a service booking app for automobiles.
- Developed solutions in Java and utilized the AndEngine (Physics Game Engine).
- Efficiently planned and released 20 games per month to meet client requirements.

### **Android Developer , Tech Active Pvt Ltd, Bengaluru**

MARCH 2011 – SEPTEMBER 2011

Designed and implemented a refund claiming app for London TFL (Tube Refund) and an address changing app for a bank in Java

## **Education**

### **B.E, Visveswariah University**

2005 – 2010

Bachelors of Engineering (Information Science)