Manasa Timalapura, Lead Software Engineer

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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)

Apr 2021 — May 2023, Bengaluru India & Abu Dhabi UAE

- 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

Nov 2019 — Mar 2021, Bengaluru

- 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

Dec 2018 — Apr 2019, Bengaluru

- 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

Nov 2017 — Nov 2018, Bengaluru

- Spearheaded the development of Android apps for healthcare (3netra Specto to perform refraction test for eyes using BLE communication between thedevice 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

Jan 2016 — Sep 2016, Bengaluru

- 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

Sep 2011 — Jul 2015, Bengaluru

- 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

Mar 2011 — Sep 2011, Bengaluru

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

EDUCATION

Visveswariah University, B.E

2005 — 2010

Bachelors of Engineering (Information Science)