

Abhiraj Khare

Linked: <https://www.linkedin.com/in/abhiraj-khare-91111643>

Github: <https://github.com/abkhare>

Blog: <https://medium.com/@abhirajkhare>

Bengaluru, India

(+91) 7760859006

abhiraj.khare100@gmail.com

PROFESSIONAL SUMMARY

Senior Tech Lead with 12+ years of experience in designing, developing and deploying mobile applications. Proficient in developing native applications using Android, Jetpack Compose and Kotlin. Also has strong experience in developing cross platform native apps with Compose Multiplatform.

Freelance Mobile Developer, Remote — Senior Software Engineer

Aug 2024 - PRESENT

- Currently working with Datagenei AI to develop their app on Android and iOS platform.
- Working on the latest cross-platform technology “Compose Multi Platform” to develop apps on iOS and Android with a single code base.
- Successfully migrated the android codebase to Compose Multiplatform where UI and business logic written in kotlin can be used to develop iOS apps.

Mercedes Benz R&D India, Bengaluru — Senior Tech Lead

Feb 2020 - Aug 2024

- Led Android development, focusing on the design, architecture, and implementation of key features.
- Collaborated closely with cross-functional teams, including design, backend, and QA, to ensure a seamless and consistent user experience.
- Leveraged the latest Android technologies and modular architecture patterns to optimize app performance and ensure scalability.
- Mentored and guided team members, resolving critical development issues and fostering a collaborative environment.
- Conducted regular code reviews, ensuring adherence to best practices such as thorough documentation, comprehensive unit testing, and maintaining code quality (addressing code smells).
- Introduced Jetpack Compose and Kotlin Flows, which significantly enhanced the development process by improving reactivity in UI updates.

SKILLS

Languages: Kotlin, Java, Swift

Framework: Jetpack Compose, Coroutines, Flows, Ktor, Compose Multiplatform

Database: Room, Sqlite

Tools: Git, Github Workflow, Android Studio, Xcode, CICD, REST API

AWARDS

- Got Silver for adding support for the latest generation of infotainment system in Mercedes Stories app.
- Received Silver for patent filed “Protective Structured Data Export and Import in Mobile Devices”
- Received Bronze award for adding Dashcam support in Mercedes Stories app.

Wibmo Nesper, Bengaluru — Senior Software Engineer

Sept 2018 - Dec 2019

- Responsible for feature development and developed some of the main feature like online KYC and credit card and personal loan module
- Involved in multiple releases of PayZapp application for HDFC bank.

Wipro Digital, Bengaluru — Technologist

Nov 2015 - Aug 2018

- Developed an Android app from scratch for flood relief in chennai.
- Worked with many organizations like Merdedes, Nokia as a technical consultant.

Lowe's Inc, Bengaluru — Software Engineer

Mar 2015 - Oct 2015

- I was part of the team which was involved in issue analysis and resolving system outages.

Teligenz Tech Solutions, Bengaluru — Developer

Dec 2012 - Feb 2015

- Was responsible for feature development in multiple apps like Protrade, HyperSync and HyperNote.
- Actively involved in the development of Android and iOS applications.

EDUCATION

Rajiv Gandhi Technical University, Bhopal — BE

June 2008 - June 2012

Completed Bachelor of Engineering with Computer Science.

PROJECTS

Mercedes Benz Stories & Events

Mercedes Benz Stories is an app for ambitious Mercedes-AMG drivers who want to record, analyze and evaluate numerous vehicle data and times on the race track and share their experiences with their friends.

Challenges & Solutions:

- Challenge: The app required a robust connection to multiple generations of cars, each using different versions of Android OS, which posed a challenge due to compatibility issues with the WiFi connection.

Technology:

Android, Kotlin,
Kotlin Coroutines, Kotlin
Flows, Room, Retrofit,
MVVM, GIT.

<https://play.google.com/store/apps/details?id=com.mercedesbenz.stories.ece>

- Solution: Utilized the latest WiFi APIs to ensure seamless connectivity across all Android versions and car models, making the app compatible with a wide range of devices.
- Challenge: High traffic and data load caused occasional crashes during peak usage times.
- Solution: Implemented efficient caching mechanisms and optimized data-fetching techniques, resulting in a 35% reduction in crash rates.

PayZapp

Sep 2018 - January 2020

HDFC Bank PayZapp, a complete payment solution, giving you the power to pay in just One Click. With PayZapp, you can shop on your mobile at partner apps, buy movie tickets, groceries, compare and book flight tickets and hotels, shop online and get great discounts at SmartBuy, send money to anyone in your contact list or to your bank account, pay bills and recharge your mobile, DTH and data card and many more.

Technology:

Android, Kotlin, Android Studio, GIT.

<https://www.hdfcbank.com/hdocs/common/PayZapp/index.html>

smart cross connect (Mercedes R&D India)

Mar 2016 - Aug 2017

Worked on different navigation features with different map providers (Here, Google, Agent-Navi, Baidu). Worked on combining code workspace for different countries into a single unit using android gradle build. Worked on memory optimization and reducing memory usage of app.

Smart cross connect helps Mercedes car owner to:

- * Turn-by-turn navigation with voice guidance
- * Point of Interest search
- * Real time location sharing with friends via Glympse
- * Control integrated radio functions (i.e. selecting radio stations, switching radio bands, accessing presets)
- * Access user-generated smart parking spot information
- * Provide information on public parking garages and lots (i.e. address, opening hours, available spots, parking rates etc.)

Technology:

Android, Eclipse, Android Studio, SVN, GIT, JIRA, Bitbucket, Source Tree, Gradle, MAT.

<https://www.smart-magazine.com/smart-cross-connect-a pp/>

PacTris (Mercedes R&D)

Nov 2015 - Feb 2016

PacTris allows customers to easily and quickly load their vehicles. Through pacTris, users can scan the barcode or enter the package dimensions manually and pacTris calculates if all parts fit into your vehicle and in what order they should be loaded.

- * Involved in from-scratch development of PacTris android app.
- * Worked on designing base architecture and various screen development of the pacTris app.
- * Involved in the release of the app to Daimler's HOA process.

Technology: Android, Android Studio, GIT, JIRA, Bitbucket, Source Tree, Gradle.

https://play.google.com/store/apps/details?id=com.daimler.pacTris.android&hl=en_US

Android Lowe's Consumer Application

Mar 2015 - Oct 2015

Browse Lowes entire product catalog — from appliances to tools and more.

Technology:

Android, Spring 4.0, Android Studio, Eclipse.

<https://play.google.com/store>

Check if an item is in stock at your local Lowe's BEFORE going to the store.

/apps/details?id=com.lowes.a
ndroid

Lowe's Store Employee Application

Mar 2015 – Oct 2015

Location and availability of product inside the store. Creating a cart on behalf of a customer.

Technology: Objective C, Xcode.

HyperNote

Oct 2014 – Mar 2015

HyperNote allows a user to store important notes during a call. HyperNote comes above the default call app of the device and can even show old notes related to that contact.