

Mohammed Fahim Khan

Senior Android Developer at Tagit RFID Solutions

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SUMMARY

- Demonstrated software architect with incredible ability to lead projects to completion.
- Senior Android Developer with over Six years of experience in mobile application development.
- Currently Working at Tagit RFID solutions for around 6 years.
- Experience leading cross-functional software development teams for massive projects.
- I'm a passionate programmer skilled in solving problems and android development.
- Proficient in native and hybrid mobile application development.

WORK EXPERIENCE

Senior Android Developer / Team Leader, Tagit Ice Advance

<https://play.google.com/store/apps/details?id=com.tagit.iceadvance>

01/20-Present

- Architected and built *Tagit Ice Advance* Android application for phone, tablet.
- Led a team of four developers, providing technical guidance and overseeing the application's development.
- Integration of design patterns and object-oriented methodologies into software projects; increased code readability and maintainability by 30%, resulting in a 15% decrease in post-release bug fixes.
- Work experience with REST, JSON, Agile, GIT Flow, Firebase, Android ecosystem
- Understanding of large and complex code bases, including API design techniques to help keep them clean and maintainable.
- Worked on BLE hardware implementation

Senior Android Developer, Tagit Linen Count

<https://play.google.com/store/apps/details?id=com.tagitrfid.tagitlaundry>

05/21-12/21

- Architected and built Tagit Linen Count Android application, achieving a 4.7-star rating on Google Play Store.
- Developed and operated services for large-scale users, ensuring a seamless experience with 99.99% uptime.
- Expert in Java, Kotlin, Android SDK, and Gradle.
- Enhanced code modularity and maintainability by 25% with Android best practices.
- Integrated RFID Scanner, reducing scanning time by 40% and boosting operational efficiency by 30%.
- Implemented multithreading and memory management techniques specific to mobile devices, reducing app crashes by 50%

Android Developer, Tagit Asset Management System

<https://play.google.com/store/apps/details?id=com.tagitrfid.tagitam>

09/19-12/19

- Developed and Maintained *AMS* Android application for phone, tablet.
- Implementing code utilizing standard design patterns; proficient in contactless communication technologies such as RFID/Bluetooth within Android platforms
- Revamped Android Application UI, analyzed platform requirements for feasibility, ensuring seamless Android integration.
- Executed the implementation of new features, bug fixes, and testing for Android applications, resulting in a 25% increase in user engagement..
- Collaboration tools Git, Subversion, Slack, JIRA, Confluence, etc.

Android Developer, Tagit Ice

<https://play.google.com/store/apps/details?id=com.tagitrfid.tagiticeths>

10/18-09/19

- Developed and maintained the Android *Tagit Ice* Application for both phones and tablets.
- Updated File Reading system to read Files from Memory card (API Level above 28).
- Implemented new features, bug fixes, Screen size & Storage issues for mobile and tablet apps.
- Participated in design & development discussions and planning exercises.

TECHNICAL SKILLS

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|-------------------|-----------------------------------|--------------------|------------------------|
| • Java | • Kotlin | • Dart | • Flutter |
| • MySQL | • Room | • Sqlite3 | • Data-Store |
| • MVC | • MVVM | • MVP | • MVI |
| • Multi-Threading | • Coroutines | • Async Task | • Executors/Handlers |
| • REST/JSON | • OKHTTP/Retrofit2 | • Volley/LoopJ | • Json Parsing |
| • Material Design | • 3 rd Party Libraries | • SDKs Integration | • Github/SVN |
| • Android UI/UX | • Junit Test | • Test Automation | • Instrumentation Test |

PROFESSIONAL COURSES

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|--|-------------|
| • Kotlin Coroutines by Tutorials (2nd Edition) | 03/22-04/22 |
| • Jetpack Compose by Tutorials (1st Edition) | 01/22-02/22 |
| • Android Unit Testing and Test Driven Development, Udemy | 10/21-12/21 |
| • Kotlin Bootcamp – Google Training Developers | 02/20-02/20 |
| • 2020 Flutter Hybrid App Development, Udemy | 07/20-09/20 |
| • Data Structure and Algorithms – Udemy | 05/20-06/20 |
| • Firebase <i>Essential For Android</i>, Udacity | 01/18-06/18 |
| • <i>Advanced Android App Development</i>, Udacity | 06/17-12/17 |

EDUCATION

Master's, Information Technology, University of Mumbai

- **7.7 CGPA** (2016 – 2018)
- **Main coursework:** Advanced Computer Networks, Cloud Architecture, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering

Bachelor's, Information Technology, University of Mumbai

- **7.4 CGPA** (2013 – 2016)
- **Main coursework:** Java, Data Structures & Algorithm, Database Systems, Software Testing.