

# Job Description

## Position - Android Developer

We are seeking a dedicated Android developer to join us. You will collaborate as part of a team of developers to work on creating and maintaining Android apps.

As an Android developer, you will need to be familiar with the Android ecosystem and mobile app development, including familiarity with popular app frameworks and software development best practices. Your primary focus will be the development of Android applications and their integration with back-end services, maintaining existing codebases, including bug fixing, and creating apps from scratch as part of a team. You will be working along-side other engineers and developers working on different layers of the infrastructure. Therefore, commitment to collaborative problem solving, sophisticated design, and creating quality products is essential.

## Responsibilities

Below are some of the responsibilities an Android developer is expected to assume in their position:

- Designing and developing apps for the Android ecosystem
- Creating tests for code to ensure robustness and performance
- Fixing known bugs in existing Android applications and adding new features
- Monitoring the performance of live apps and work on optimizing them at the code level
- Working with external software libraries and APIs
- Working with designers to turn design templates into working apps
- Staying up to date with new mobile technology trends, applications, and protocols

## Job Qualifications and Skill Sets

Below are the qualifications expected of an Android developer:

- Bachelor's degree in computer science, application performance, or a related field
- Minimum 2 years of experience in android and backend integration.
- Solid understanding of common programming tools and paradigms, such as version control, use of frameworks, and common design patterns
- Proficiency with Android Studio and Android SDK tools
- Excellent knowledge of the Java programming language
- Must have worked on Google Maps sdk and location services in Android.

- Must have worked with RESTful APIs to connect Android applications to back-end services
- Strong knowledge of Android UI design principles, patterns, and best practices
- Experience with offline storage, threading, and performance tuning
- Familiarity with mobile applications and development, including the use of hardware such as gps and cameras.
- Comfortable working as part of a cross-functional team and with code written by others, including bug fixing, and refactoring legacy code
- Familiarity with various testing tools
- Past experience of working with any transit agency.
- Should have worked on apps with millions of users.
- Excellent communication skills

## Bonus skills

- Efficiency in Python, Pandas, Flask or Django
- Efficiency in databases like : Sqlite, MySQL, PostgreSQL
- Efficiency in realtime db -Firebase or RethinkDB
- Worked on GTFS data

Emoluments: About 60 K P.M.

Candidates have to apply and send an email with their resume and testimonials on **adminesm@iiitd.ac.in**. Walk in interview date will be on 1<sup>st</sup> March, 2023. Venue is Dr. Pravesh Biyani Room i.e. Room No-A-604, R&D Building, IIIT-Delhi.