



Position: Android Developer

Location: Noida

Million Sparks Foundation is a tech-led education initiative focused on Teacher Capacity Building and aims to empower one million teachers by 2020. We believe that the role of education is to ignite a fire in every child and teachers are the sparks who do that. ChalkLit - MSF's mobile and web application platform provides bite-sized curriculum-linked resources to help teachers build their knowledge, and also plan and execute high-quality lessons.

We are a young organisation with an entrepreneurial culture. Our team requires a diverse group of passionate, self-driven, caring individuals who would like to contribute to this mission.

[Google](#) and [Central Square Foundation](#) are supporting MSF through grants for its work.

Position Summary

Android Developer would be responsible for development and implementation new features, bug removal and UI/UX implementation of the Android ChalkLit App . He/She will be responsible for including product features as approved by the product manager and release of versions as and when required.

Key Responsibilities

Key responsibilities include, but are not limited to:

- Translate designs and wireframes into high quality code
- Design, build, and maintain high performance, reusable, and reliable Java code
- Ensure the best possible performance, quality, and responsiveness of the application
- Identify and correct bottlenecks and fix bugs
- Help maintain code quality, organization, and automatization
- Interfacing with the backend team to spec out APIs
- Monitor app usage, integrate analytics and drive product decisions
- Ensure high quality standards for the app in size, speed, usability

Required Qualifications, Skills & Qualities

- Strong knowledge of Android SDK, different versions of Android, and how to deal with different screen sizes
- Familiarity 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
- Ability to design applications around natural user interfaces, such as “touch”
- Familiarity with the use of additional sensors, such as gyroscopes and accelerometers
- Knowledge of the open-source Android ecosystem and the libraries available for common tasks
- Ability to understand business requirements and translate them into technical requirements
- Familiarity with cloud message APIs and push notifications



- A knack for benchmarking and optimization
- Understanding of Google's Android design principles and interface guidelines
- Proficient understanding of code versioning tools, such as Git
- Familiarity with continuous integration
- Excellent analytical and problem solving skills
- Great understanding of Android design guidelines, SDK and excellent Java skills
- Experience in TDD
- Excellent eye for detail, ability to code designs to the dot
- Love for coding, with the ability to intuitively pick up and use any new language/protocol/framework
- Strong verbal and presentation skills
- Good team-management skills to lead junior engineers
- 2-5 years of industry experience as Android developer

How To Apply

Brewing coffee is what excites us. If you know how to do it, we would love to meet you at our office in Noida. Even if coffee's not your-cup-of-tea, we would love to have you if you believe in our mission and want to contribute. Do drop in a few lines or buzz us telling more about yourself or something you want to know about us. Our coordinates are given below:

hr@millionsparks.org

www.millionsparks.org