



## **Android Developer Job Description**

The Android Developer works as a key member of our exceptional software team to develop WSG products and client-specific software. This role brings knowledge of Android mobile application development and focuses on writing well-tested code, building end-to-end app features, and helping our clients solve technical problems.

### **Essential Job Duties**

- Develop complex Android mobile applications for mapping and data collection.
- Collaborate with stakeholders to deliver advanced and innovative mobile solutions.
- Design and implement approved enhancements based on documented requirements.
- Actively participate in web-based project, team, and client meetings.
- Upgrade and maintain custom mobile mapping applications.
- Test existing and new functionality using standard workflows, edge cases, and range of data.
- Install, configure, and test custom applications on a wide range of Android devices.
- Fix user reported bugs.
- Help users as needed to debug, triage, and implement workarounds.
- Partner with sales and marketing Team Members on technical demos.
- Lead or support requirements gathering for Android-based mobile apps.
- Craft or contribute to level of effort estimates for software modifications.
- Document code via inline and external documentation.
- Follow mobile app trends and apply best practices.
- Track and report on development task progress and time expenditure.
- Other duties as assigned.

### **Job Qualifications: Knowledge, Skills, and Abilities**

#### **Required Technical Skills:**

- Android device use and configuration
- Android application development with Android Studio
- Java
- Gradle
- Git
- Application testing/debugging processes

#### **Preferred Technical Skills:**

- REST, JSON
- SQLite
- GIS applications and analysis
- Location / GPS
- ArcGIS experience (ArcGIS Pro, Field Maps)

- Authentication (e.g., OAuth)
- Kotlin
- Google Play publishing

#### Soft Skills:

- Ability to work independently and as part of a team.
- Excellent verbal and written communication skills.
- Unwavering professionalism and client-focus commitment.
- Act with honesty and integrity at all times.
- Strong ownership and initiative.
- Ability to work remotely in an efficient and productive manner.

#### Experience/Education:

- Bachelor's degree in Computer Science, Information Systems, or a related discipline, or equivalent experience.
- 3+ years of Android app development experience.

#### Travel:

Infrequent travel to client sites or Company meetings.

#### Physical Requirements:

- *The physical demands described are representative of those that must be met by an employee to successfully perform the essential functions of this job.* The employee must occasionally position, transport and/or move up to 10 pounds.
- While performing the duties of this Job, the employee is regularly required to:
  - Stand, walk
  - Be stationary for extended periods
  - Use fingers and/or hands to handle and feel
  - Communicate with and exchange information verbally and in writing
  - Move about in an office environment
  - Work using repetitive motion
- Specific vision abilities required by this job include close vision, distance vision, peripheral vision, depth perception, and ability to adjust focus.
- Work requires physical efforts associated with using technology such as laptops, tablets, mobile devices and others to perform essential job functions.

#### Working Environment:

*The work environment characteristics described are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

While performing the duties of this Job, the Team Member is:

- Regularly in a home office environment and in control of noise level in the work environment.

*This job description is not intended to describe in detail the multitude of tasks that may be assigned, but rather to provide the incumbent with a general sense of the responsibilities and expectations of his/her position. It is not intended to be an exhaustive list of qualifications, skills, efforts, duties, responsibilities or working conditions associated with the position. As the nature of business demands change so, too, may the essential functions of this position.*