

10th July 2025 (Thursday)

We officially began the Android development segment today. The mentor started by introducing Android architecture, explaining layers like the application framework, libraries, and runtime in a simplified manner. The first hour involved installing and configuring Android Studio, setting up the SDK, and creating our first project. We explored the project folder structure — learning the purpose of files like `AndroidManifest.xml`, the `res` folder, and `MainActivity.java`. The second hour was more practical — I created and ran my first “Hello World” application on an emulator, observing the lifecycle flow. The mentor emphasized understanding Gradle scripts and dependencies, as they form the foundation of Android builds. It was a thrilling day as we transitioned from theoretical Java coding to visual, interactive app creation.