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1. System Specs:

* CPU: 12th-Gen Intel Core i7-12650H 2.30 GHz
* RAM: 16GB
* Windows version: Windows 11 Home. Version 24H2

2. Installation:

* Dependencies
  + Installed Chocolatey using Powershell in Admin-mode
  + Used Chocolatey in Powershell to install Node (version 20.17.0) and the Microsoft JDK (version 17.0.12)
* Development Environment (Android Studio)
  + Installed Android Studio using the official websites installer
  + After installation and reaching the starting page of the application, I clicked the “More Actions” button in the center of the screen and opened the SDK manager. After unselecting all previously installed packages, I then installed the programs outlined by the React Native setup guide (Android SDK Platform 35, Sources For Android 35, and Intel x86\_64 Atom System Image)

3. Configuration:

* ANDROID\_HOME environment variable
  + Using the Control Panel I added a new ANDROID\_HOME environment variable to my system pointing to path “C:\Users\mkhan\AppData\Local\Android\Sdk”
  + Verified through Powershell that the variable was added to the system
  + Added “platform tools” to Path variable
* Virtual Device
  + Through Virtual Device Manager tab, I selected the “Medium Phone” option and configured it with the VanillaIceCream 35 API image

4. Project Creation:

* For first-time usage of React Native, I ran the command to uninstall existing global versions of the react CLI before starting a new project
* Using the npx command, I initialized a new project called “ToDoList” through the react-native-community-cli
* When prompted through the command terminal, I installed necessary react-native packages

5. Running Project:

* After opening the device I configured through the Android Studio emulator, I opened the project folder inside Android Studio
* Open the terminal inside Android Studio and enter the command npm run android
* Wait for the app to be installed on the virtual device (do NOT alter or close the emulator during this process)
* When the process is finished, the app will automatically open on the emulator’s screen with the React Native page opened by default

6. Troubleshooting:

* I ran into an issue when it was installing the Gradle Daemon in the terminal. I fixed this by resetting the cache (npm start --reset-cache) in the Android Studio terminal, killing the task (taskkill /f /im node.exe), and then running the program again through “npm run android” command
* Do NOT change the Gradle version, this will only cause more problems

7. Resources:

Stack Overflow Forum that assisted me with these errors: <https://stackoverflow.com/questions/78384724/react-native-error-java-io-uncheckedioexception-could-not-move-temporary-work>