1. **System Requirements:**

CPU - AMD Ryzen 9 5900x

RAM - 32GB

Windows 11 Home

1. **Installation:**

a. Install node.js at <https://nodejs.org/en> and pick the LTS version

b. Choose to install Chocolatey when installing node.js

c. After installing node.js, install Android Studio for the simulator

1. **Configuration Steps:**

a. Open the Windows Control Panel.

b. Click on User Accounts**,** then click User Accounts again

c. Click on Change my environment variables

d. Click on New to create a new ANDROID\_HOME user variable that points to the path to your Android SDK

**4**. **Installation:**

a. Open CMD

b. Type ‘cd’ to path to the desired folder

c. Type ‘npx create-expo-app@latest –template blank’

d. Type your desired project folder name

e. Type ‘npm install’ to install modules

**5. Running the Project:**

a. Using VS Code, go to open project then pick your project folder

b. Open the terminal in VS Code and type ‘npm start’ to start the server

c. Open Android Studio then go to manage device and click a preset phone

d. Then in the terminal, type ‘a’ to build on Android and wait to load

e. Android Studio comes with the Expo Go app installed by default, so it will be launched automatically and you will see your project app displayed on your phone simulator

**6. Troubleshooting:**

a. When creating a project and it fails, you can try to type ‘npm audit fix –force’

**7. Resources:**

a. <https://reactnative.dev/docs/environment-setup?guide=native>)

b. <https://reactnative.dev/docs/components-and-apis>