**Spinning Up React Native App**

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1. **System requirements:**

CPU: Intel Core i5 or equivalent (quad-core processor recommended)

RAM: Minimum 8GB (16GB recommended for better performance)

Operating System: Windows 10 (64-bit), macOS, or Linux

1. **Installation instructions:**

Install Node.js: Download and install the latest LTS version of Node.js from nodejs.org.

Verify installation: node -v and npm -v in the command prompt.

Install React Native CLI: Run npm install -g react-native-cli.

Verify installation: react-native -v.

Install Android Studio: Download and install from developer.android.com.

During installation, ensure the boxes for "Android SDK", "Android SDK Platform", and "Android Virtual Device" are checked.

1. **Configuration steps**

Set up the Android environment:

* Open Android Studio, go to Configure > SDK Manager.
* Select SDK Platforms and check "Show Package Details".
* Ensure you have Android 10 (Q) installed.
* Go to SDK Tools and ensure the following are checked: Android SDK Build-Tools, Android Emulator, Android SDK Platform-Tools, Android SDK Tools, Intel x86 Emulator Accelerator (HAXM installer).

Configure Android Emulator:

* Open Android Studio, go to AVD Manager.
* Click Create Virtual Device, select a device definition, and click Next.
* Select a system image, click Next, and then Finish.

1. **Project Creation**

Create a new React Native project:

* Run npx react-native init IncredibleTodoListApp.

1. **Running the Project**

* Run npx react-native start in the project directory.

1. **Troubleshooting**

JavaScript heap out of memory:

* Add --max\_old\_space\_size=4096 to your node command.

Emulator not starting:

* Ensure HAXM is installed and enabled.

Metro Bundler not running:

* Clear cache: npx react-native start --reset-cache.

1. **Resources**

Official Documentation: <https://reactnative.dev/docs/environment-setup>

Tutorials: <https://www.reactnative.express/environment>