1. **System requirements**:

CPU: A modern processor (Intel i5/i7/i9 or AMD equivalent) with support for virtualization (VT-x or AMD-V). This is crucial for Android emulation.

RAM: Minimum of 8GB, though 16GB or more is recommended for better performance, especially if you plan on running Android Studio or multiple simulators.

Windows Version: Windows 10 or later, 64-bit, with the latest updates installed. Windows 11 is also suitable for development.

1. **Installation instructions**:   
   Node.js and npm
   1. Download and install Node.js from the official website. This will also install npm (node package manager) which is essential for managing project's dependencies.
   2. Verify the installation by running node -v and npm -v in the command prompt or terminal.

React Native CLI

Install the React Native command line interface (CLI) globally by running npm install -g react-native-cli in the command prompt or terminal.

1. **Configuration steps**: Detail any necessary configuration steps required to set up the framework, such as setting environment variables or configuring project settings.
   1. Download and install Android Studio. While on Android Studio installation wizard, make sure the boxes next to all of the following items are checked:
2. Android SDK
3. Android SDK Platform
4. Android Virtual Device
   1. Install the Android SDK
      1. Open Android Studio, click on "More Actions" button and select "SDK Manager".
      2. Select the "SDK Platforms" tab from within the SDK Manager, then check the box next to "Show Package Details" in the bottom right corner.
      3. Look for and expand the Android 13 (Tiramisu) entry, then make sure the following items are checked:
         * Android SDK Platform 33
         * Intel x86 Atom\_64 System Image or Google APIs Intel x86 Atom System Image
   2. Next, select the "SDK Tools" tab and check the box next to "Show Package Details" here as well. Look for and expand the Android SDK Build-Tools entry, then make sure that 33.0.0 is selected.
   3. Finally, click "Apply" to download and install the Android SDK and related build tools.

Configure the ANDROID\_HOME environment variable

Open the Windows Control Panel.

Search “Environment”

Choose “Edit environment variables for your account”

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

A screenshot of a computer

Description automatically generated

SDK location by default is %LOCALAPPDATA%\Android\Sdk

1. **Project creation**:
   1. Open your command prompt or terminal.
   2. Navigate to the directory where you want to create your project.
   3. Run the command “npx react-native@latest init MyProjectNAme”” to create a new project. Replace “MyProjectName” with a desired project name like “MyFirstApp”.
2. **Running the project**:
   1. Ensure you have an Android emulator set up. This can be done through Android Studio's AVD Manager.
   2. Open a command prompt or terminal in your project's root directory.
   3. Run npx react-native run-android. This command compiles your app and launches it on the connected Android emulator.
3. **Troubleshooting**:

Intel HAXM installation failed!

1. **Resources**:

Intel® HAXM installation failed. To install Intel® HAXM follow the instructions found at: <https://github.com/intel/haxm/wiki/Installation-Instructions-on-Windows>