**1. System Requirements**

OS: Windows 10 (64-bit) or later

CPU: Intel i5 or AMD equivalent

RAM: 8 GB minimum

Disk Space: 20 GB free

**2. Installation Instructions**

**Step 1**: Install Node.js

Download and install Node.js from [nodejs.org](https://nodejs.org/).

**Step 2**: Install Java Development Kit (JDK)

Download JDK 11 from [AdoptOpenJDK](https://adoptopenjdk.net/).

**Step 3**: Install Android Studio

Download and install Android Studio from [developer.android.com](https://developer.android.com/studio).

Install the Android SDK and create an emulator.

**Step 4**: Install React Native CLI

Install globally with: npm install -g react-native-cli

**3. Configuration Steps**

Set JAVA\_HOME and ANDROID\_HOME environment variables.

Add required paths to the system Path.

**4. Project Creation**

Create a new project: npx react-native init MyReactNativeApp

Navigate to the project directory: cd MyReactNativeApp

**5. Running the Project**

npx react-native start

Run the project on an emulator or device: npx react-native run-android

**6. Troubleshooting**

Emulator Errors: Check AVD settings and ensure virtualization is enabled.

Build Failures: Verify environment variables and SDK path.

**7. Resources**

React Native Documentation

Node.js Documentation

[Android Studio Guide](https://developer.android.com/studio/intro)