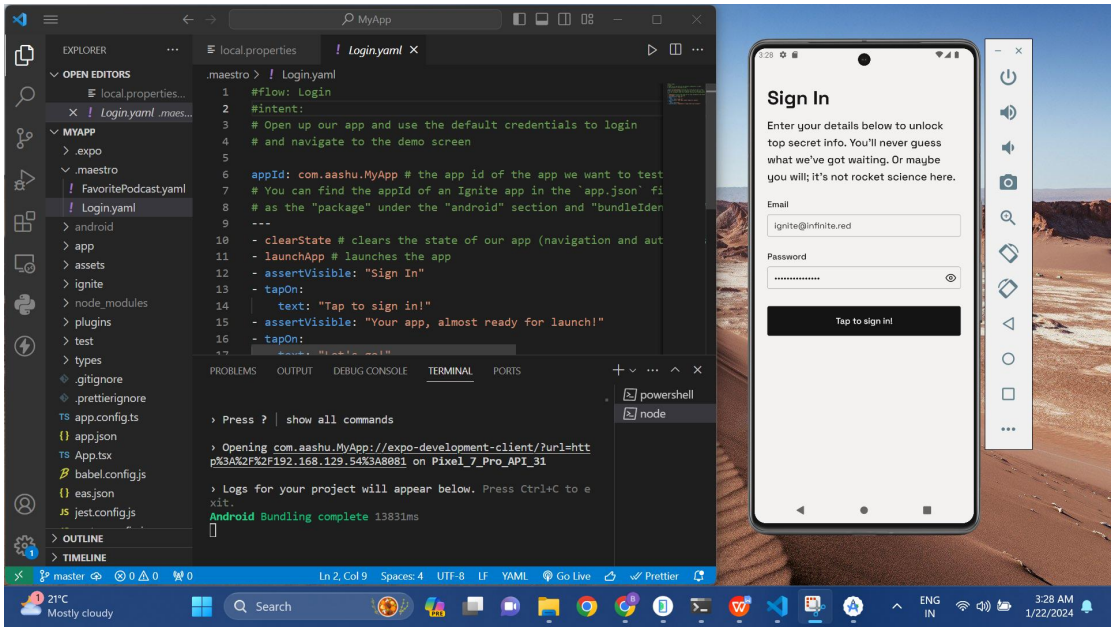
Project

End-to-End Testing of React Native Application using Maestro

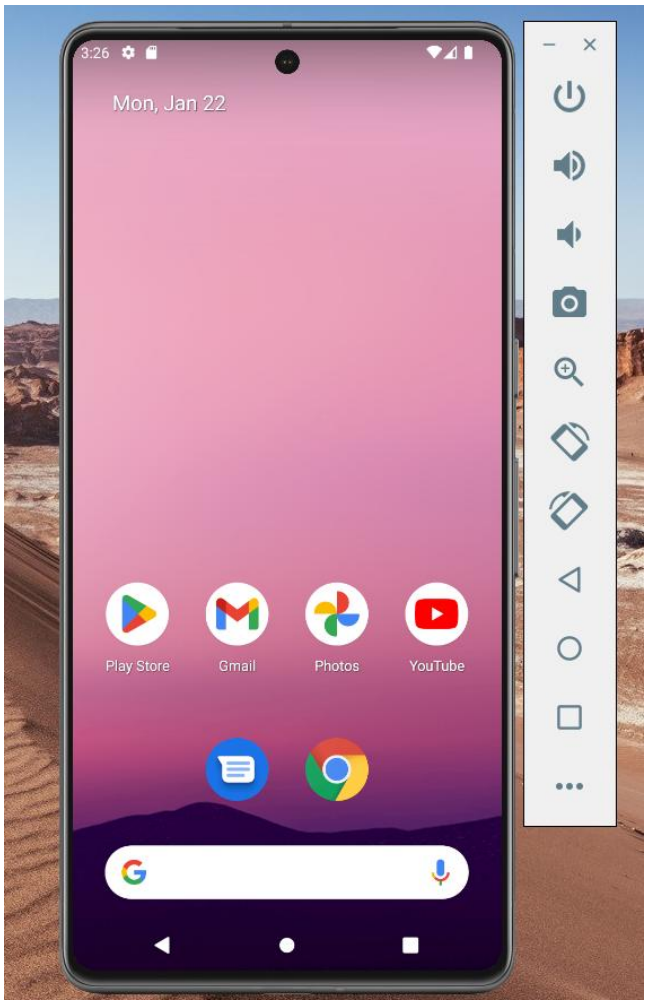
Tech required

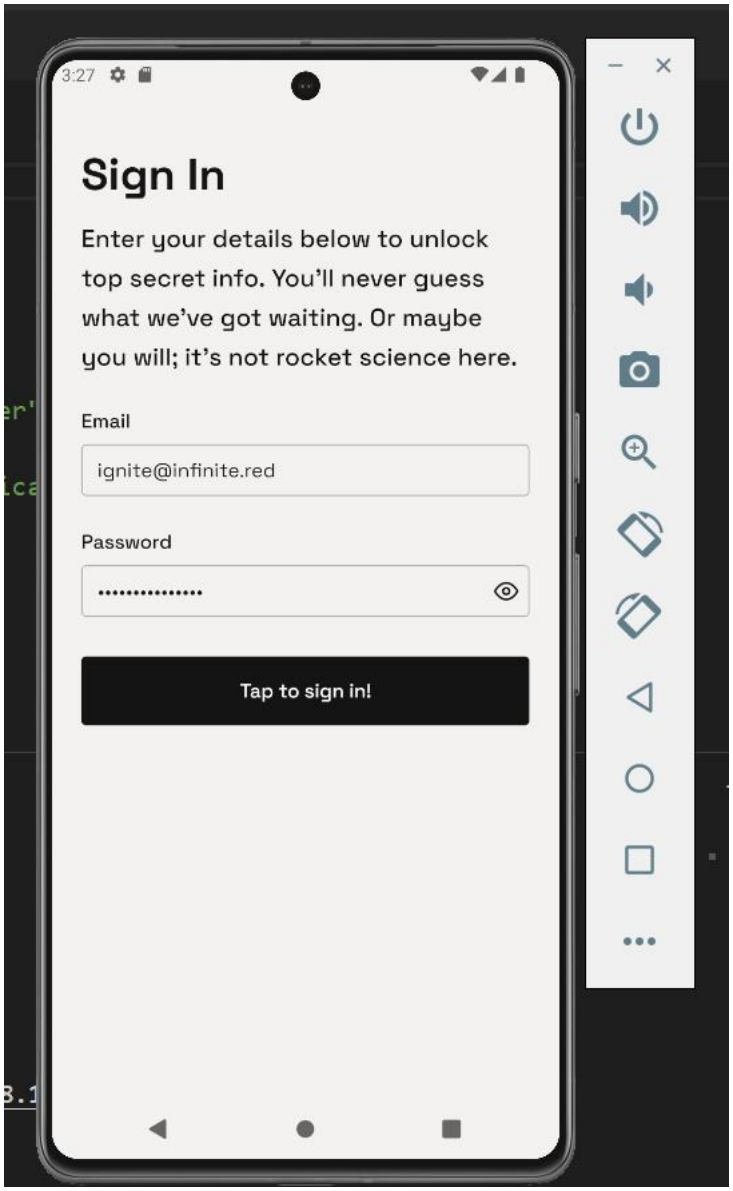
Nothing makes it into Ignite unless it's been proven on projects that Infinite Red works on. Ignite apps include thefollowing rock-solid technical decisions out of the box:

Library	Category	Version	Description
React Native	Mobile Framework	v0.72	The best cross-platform mobile framework
React	UI Framework	v18	The most popular UI framework in the world
TypeScript	Language	v5	Static typechecking
React Navigation	Navigation	v6	Performant and consistent navigation framework
MobX-State-Tree	State Management	v5	Observable state tree
MobX-React-Lite	React Integration	v3	Re-render React performantly
Expo	SDK	v49	Allows (optional) Expo modules
Expo Font	Custom Fonts	v11	Import custom fonts
Expo Localization	Internationalization	v14	i18n support (including RTL!)
Expo Status Bar	Status Bar Library	v1	Status bar support
RN Reanimated	Animations	v3	Beautiful and performant animations
AsyncStorage	Persistence	v1	State persistence
apisauce	REST client	v2	Communicate with back-end
Reactotron RN	Inspector/Debugger	v3	JS debugging
Hermes	JS engine		Fine-tuned JS engine for RN
Jest	Test Runner	v26	Standard test runner for JS apps
Maestro	Testing Framework		Automate end-to-end UI testing
date-fns	Date library	v2	Excellent date library
FlashList	FlatList replacement	v1	A performant drop-in replacement for FlatList

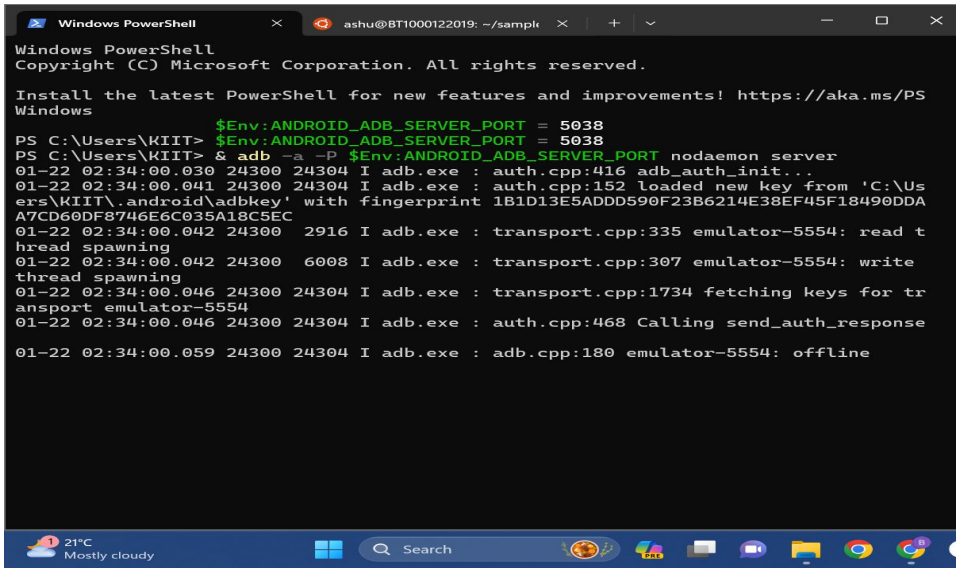


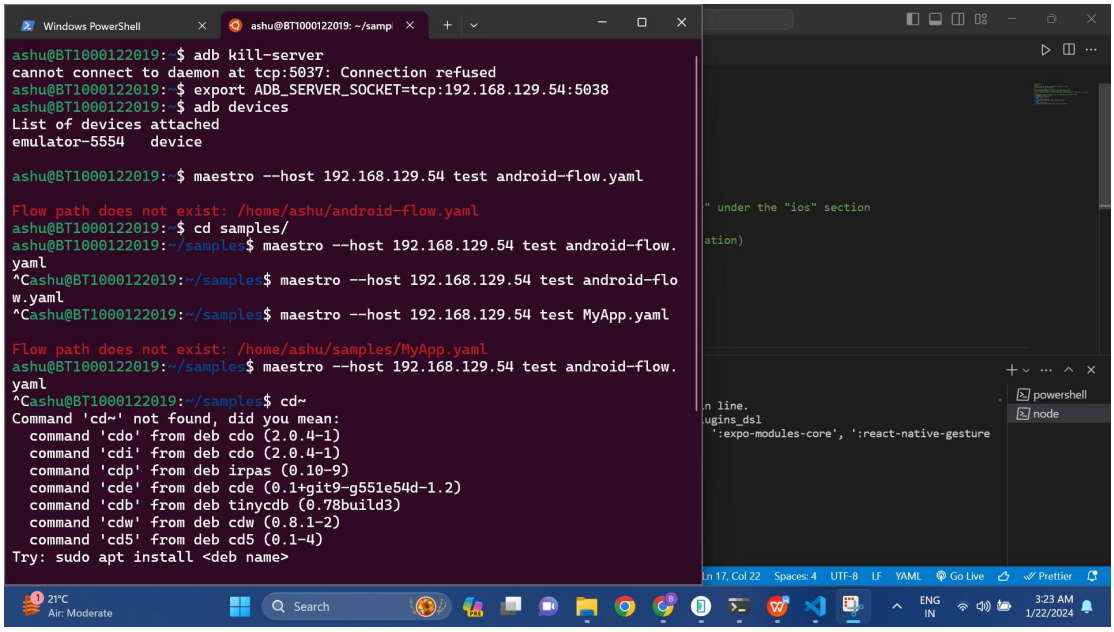
Step 2: Set Up the Environment





Using Powershell And Ubutnu:





Step 3: Write Maestro Tests