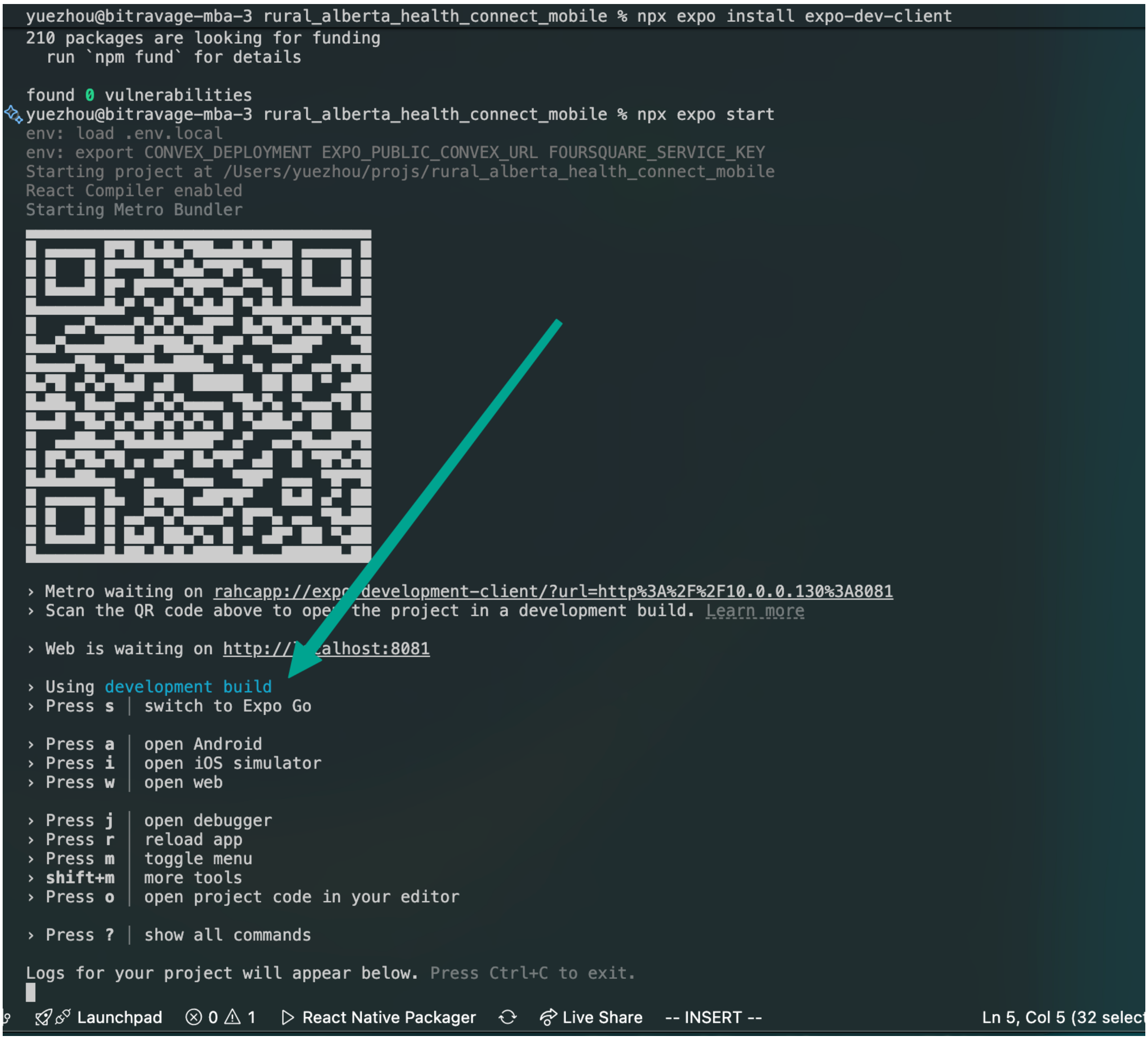
https://www.youtube.com/watch?v=uQCE9zI3dXU https://docs.expo.dev/tutorial/eas/configure-development-build/

1. `npx expo install expo-dev-client`

   This unlocks dev-client, meaning, we not limited to EXPO GO

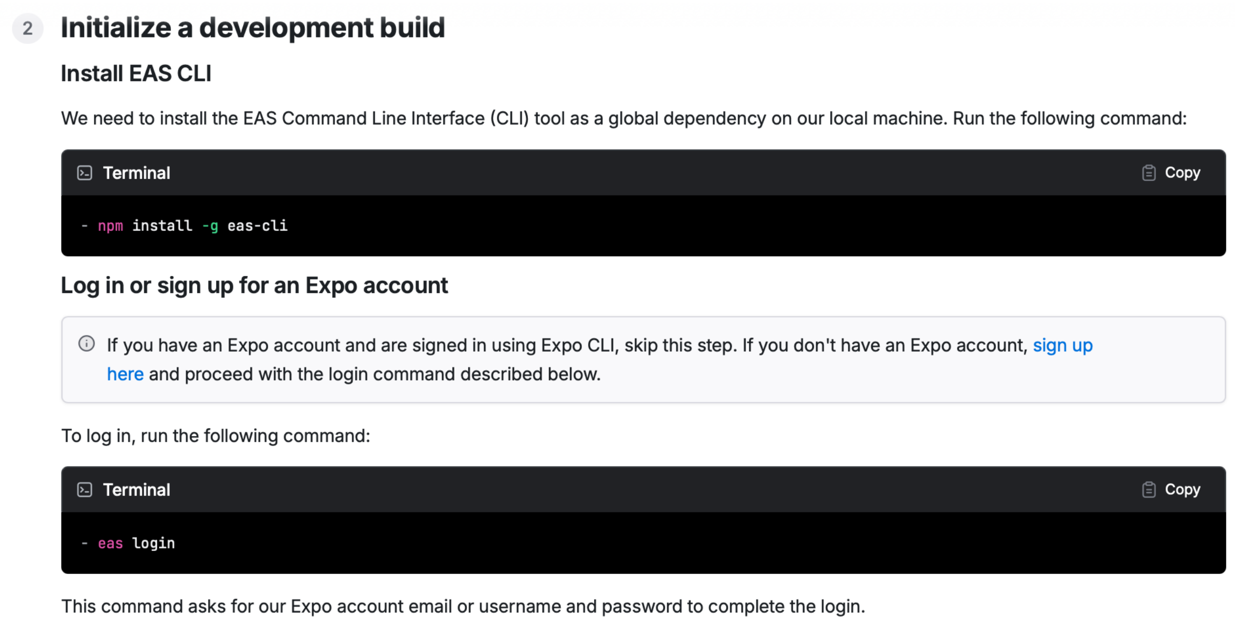
   

```
yuezhou@bitravage-mba-3 rural_alberta_health_connect_mobile % npx expo install expo-dev-client
210 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
yuezhou@bitravage-mba-3 rural_alberta_health_connect_mobile % npx expo start
env: load .env.local
env: export CONVEX_DEPLOYMENT EXPO_PUBLIC_CONVEX_URL FOURSQUARE_SERVICE_KEY
Starting project at /Users/yuezhou/projs/rural_alberta_health_connect_mobile
React Compiler enabled
Starting Metro Bundler

› Metro waiting on rahcapp://expo-development-client/?url=http%3A%2F%2F10.0.0.130%3A8081
› Scan the QR code above to open the project in a development build. Learn more

› Web is waiting on http://localhost:8081

› Using development build
› Press s │ switch to Expo Go

› Press a │ open Android
› Press i │ open iOS simulator
› Press w │ open web

› Press j │ open debugger
› Press r │ reload app
› Press m │ toggle menu
› shift+m │ more tools
› Press o │ open project code in your editor

› Press ? │ show all commands

Logs for your project will appear below. Press Ctrl+C to exit.
```

   But in order for the dev development build to work, we need an actual development build.

2. `npm install -g eas-cli`

   In order to make a development build, we need an EAS CLI, which is a cloud service.



2 Initialize a development build

Install EAS CLI

We need to install the EAS Command Line Interface (CLI) tool as a global dependency on our local machine. Run the following command:

Terminal

```
- npm install -g eas-cli
```

Log in or sign up for an Expo account

ⓘ If you have an Expo account and are signed in using Expo CLI, skip this step. If you don't have an Expo account, sign up here and proceed with the login command described below.

To log in, run the following command:

Terminal

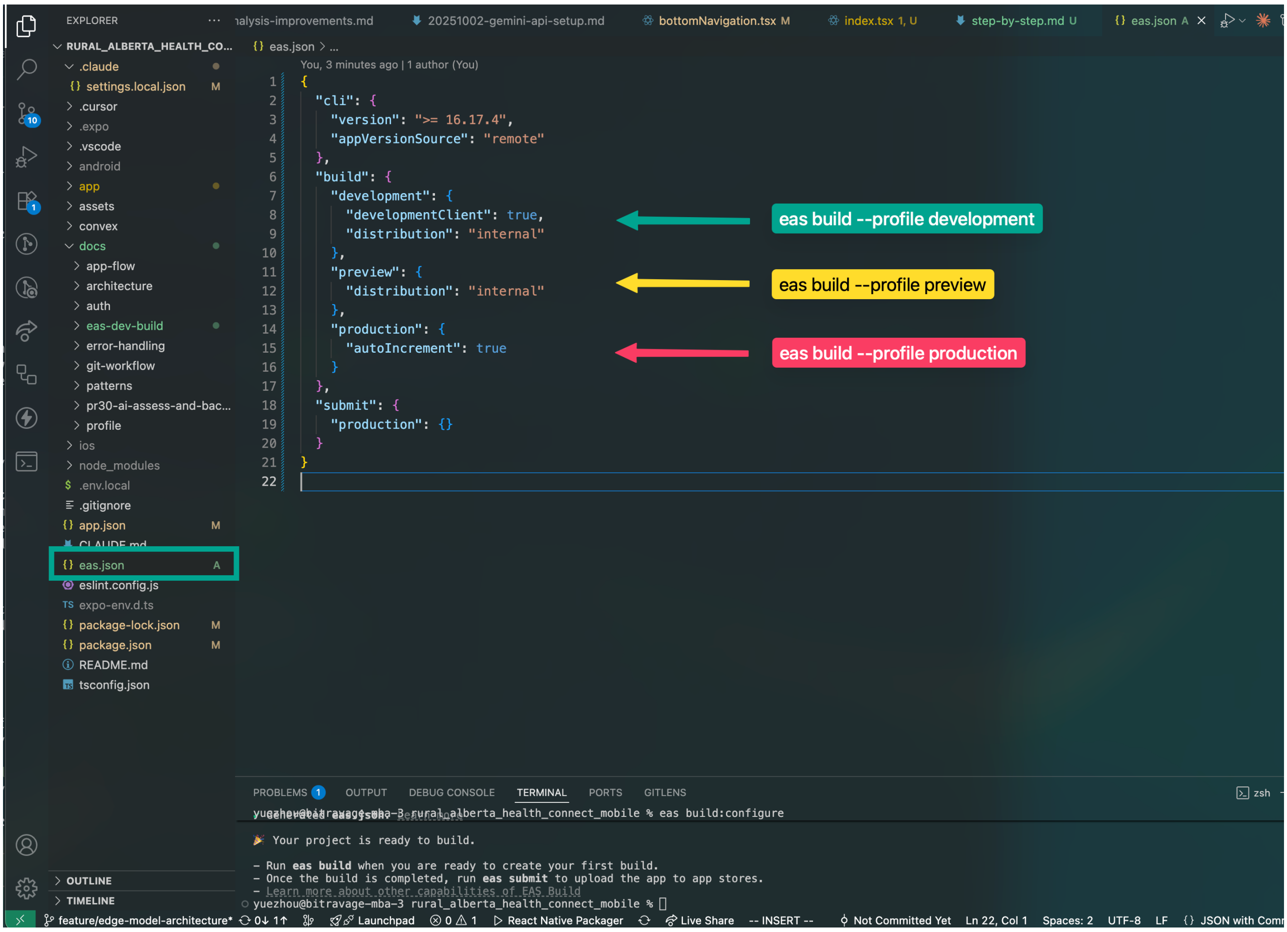
```
- eas login
```

This command asks for our Expo account email or username and password to complete the login.

3. run `eas init`

   Create an init an eas project on the cloud.

4. run `eas build:configure`



```
{
  "cli": {
    "version": ">= 16.17.4",
    "appVersionSource": "remote"
  },
  "build": {
    "development": {
      "developmentClient": true,
      "distribution": "internal"
    },
    "preview": {
      "distribution": "internal"
    },
    "production": {
      "autoIncrement": true
    }
  },
  "submit": {
    "production": {}
  }
}
```

eas build --profile development

eas build --profile preview

eas build --profile production

```
yuezhou@bitravage-mba-3 rural_alberta_health_connect_mobile % eas build:configure
✓ Generated eas.json. Learn more

🎉 Your project is ready to build.

- Run eas build when you are ready to create your first build.
- Once the build is completed, run eas submit to upload the app to app stores.
- Learn more about other capabilities of EAS Build
yuezhou@bitravage-mba-3 rural_alberta_health_connect_mobile % 
```

5. In `package.json`

   include two new entries, so that eas platform don't messup with `ci`

```
"eas-install": "npm ci",
"prebuild": "npm run eas-install"
```

6. build `eas build --platform android --profile development`

   https://youtu.be/D612BUtvvl8?t=75

7. Wait 30 min.