In order to make it work using Expo you need to replace react-native-device-info dependency.

1. Create react-native-device-info.js file in root with following content. Requires expo-constants dependency. If you target iOS then you also need to ensure you add a bundleIdentifier to the ios section of your expo config.

```
import Constants from "expo-constants"

export const getBundleId = () => {
  return Constants.expoConfig?.ios?.bundleIdentifier ?? '';
}
export const getVersion = () => {
  return Constants.expoConfig?.version
}
export default {
  getBundleId,
  getVersion,
};
```

2. Add alias to module-resolver configuration in babel.config.js

```
plugins: [
 [
  'module-resolver',
  {
   root: ['.'],
   alias: {
    'react-native-device-info': './react-native-device-info.js'
   }
  }
 ],
 ...
]
```

3. And in App.tsx/App.js

```
import SpInAppUpdates, { IAUUpdateKind, StartUpdateOptions,}
'sp-react-native-in-app-updates';
import { getBundleId, getVersion } from './react-native-device-info';

const initializeInAppUpdates = async () => {
const inAppUpdates = new SpInAppUpdates(false);
```

```
   return inAppUpdates;
 };

initializeInAppUpdates().then(inAppUpdates => {
// Retrieve bundle ID and version using utility functions
 const bundleId = getBundleId();
const version = getVersion();

inAppUpdates.checkNeedsUpdate({ curVersion: version }).then((result) => {
if (result.shouldUpdate) {
let updateOptions = {};
if (Platform.OS === 'android') {
updateOptions = {
updateType: IAUUpdateKind.FLEXIBLE,
};
}
inAppUpdates.startUpdate(updateOptions);
}
});
 }).catch(error => {
console.error('Error initializing in-app updates:', error);
});
```

4. In app.json

```
“Infoplist”: {
        “LSApplicationQueriesSchemes”: [“item-apps”]
}
```

After that follow these steps :-

- Enable internal app sharing (google it) on your android device
- Create a release apk (or aab) with the lower version of your app (i.e version 100)
- Create a release apk (or aab) with the higher version of your app (i.e version 101)
- Upload both apk's to internal app sharing
- Install the version 100 on your device.
- Open the internal app sharing link of version 101 on your device but DON'T install it
- Open the installed (100) version of the app, and make sure that your code works (that you see an update popup)