

If you want a clean top-tab navigation with 4 screens in React Native using TypeScript, the simplest and most standard approach is to use **React Navigation** with the material top tabs.

Here's a minimal, working setup.

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## 1. Install dependencies

```
npm install @react-navigation/native
npm install @react-navigation/material-top-tabs
npm install react-native-tab-view react-native-pager-view
npm install react-native-screens react-native-safe-area-context
```

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## 2. Create 4 simple screens

Create a screens folder and add these:

**HomeScreen.tsx**

```
import React from 'react';
import { View, Text, StyleSheet } from 'react-native';

const HomeScreen = () => {
  return (
    <View style={styles.container}>
      <Text style={styles.text}> it is Home Screen</Text>
    </View>
  );
};

export default HomeScreen;

const styles = StyleSheet.create({
  container: { flex: 1, justifyContent: 'center', alignItems: 'center' },
  text: { fontSize: 20 }
});
```

### ProfileScreen.tsx

```
import React from 'react';
import { View, Text, StyleSheet } from 'react-native';

const ProfileScreen = () => {
  return (
    <View style={styles.container}>
      <Text style={styles.text}>Profile Screen</Text>
    </View>
  );
};

export default ProfileScreen;

const styles = StyleSheet.create({
  container: { flex: 1, justifyContent: 'center', alignItems: 'center' },
  text: { fontSize: 20 }
});
```

### SettingsScreen.tsx

```
import React from 'react';
import { View, Text, StyleSheet } from 'react-native';

const SettingsScreen = () => {
  return (
    <View style={styles.container}>
      <Text style={styles.text}>Settings Screen</Text>
    </View>
  );
};

export default SettingsScreen;

const styles = StyleSheet.create({
  container: { flex: 1, justifyContent: 'center', alignItems: 'center' },
  text: { fontSize: 20 }
});
```

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## AboutScreen.tsx

```
import React from 'react';
import { View, Text, StyleSheet } from 'react-native';

const AboutScreen = () => {
  return (
    <View style={styles.container}>
      <Text style={styles.text}>About Screen</Text>
    </View>
  );
};

export default AboutScreen;

const styles = StyleSheet.create({
  container: { flex: 1, justifyContent: 'center', alignItems: 'center' },
  text: { fontSize: 20 }
});
```

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### 3. Setup Top Tab Navigator

App.tsx

```
import React from 'react';
import { NavigationContainer } from '@react-navigation/native';
import { createMaterialTopTabNavigator } from '@react-navigation/material-top-tabs';

import HomeScreen from './screens/HomeScreen';
import ProfileScreen from './screens/ProfileScreen';
import SettingsScreen from './screens/SettingsScreen';
import AboutScreen from './screens/AboutScreen';

export type RootTabParamList = {
  Home: undefined;
  Profile: undefined;
  Settings: undefined;
  About: undefined;
};

const Tab = createMaterialTopTabNavigator<RootTabParamList>();

export default function App() {
  return (
    <NavigationContainer>
      <Tab.Navigator
        screenOptions={{
          tabBarLabelStyle: { fontSize: 14 },
          tabBarStyle: { backgroundColor: '#6200ee' },
          tabBarActiveTintColor: '#fff',
          tabBarIndicatorStyle: { backgroundColor: '#fff' },
        }}
      >
        <Tab.Screen name="Home" component={HomeScreen} />
        <Tab.Screen name="Profile" component={ProfileScreen} />
        <Tab.Screen name="Settings" component={SettingsScreen} />
        <Tab.Screen name="About" component={AboutScreen} />
      </Tab.Navigator>
    </NavigationContainer>
  );
}
```

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## 4. Run the app

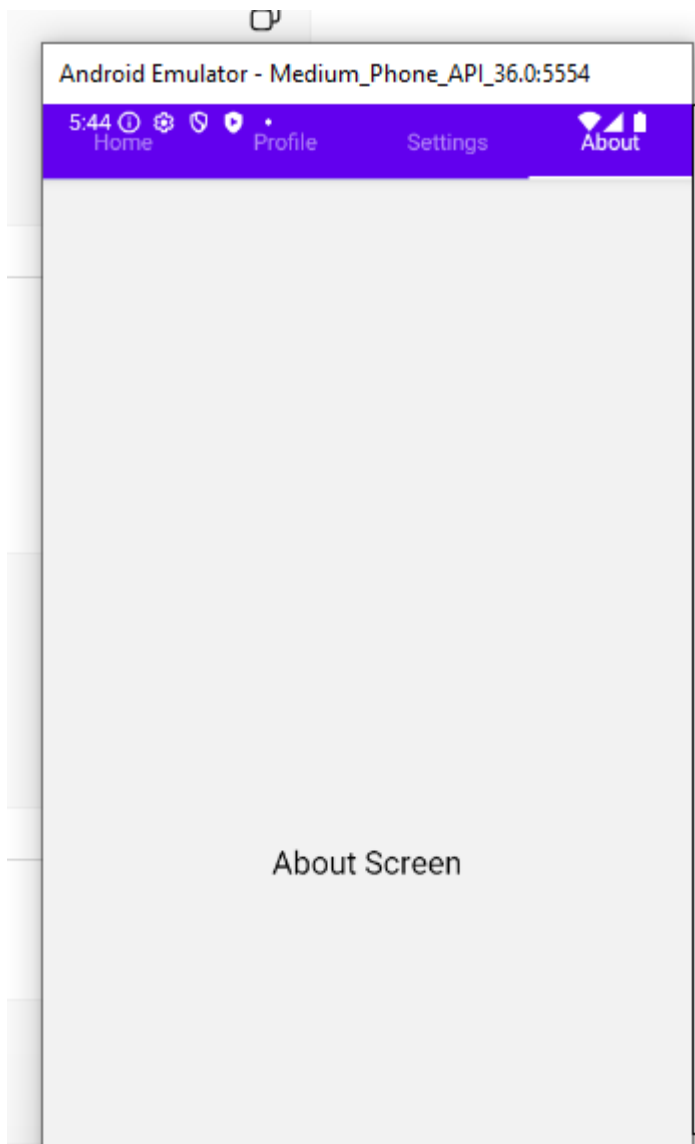
```
npx react-native run-android
```

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### What you get

- 4 screens
- Swipeable tabs
- Top navigation bar
- TypeScript support

Output:-



Android Emulator - Medium\_Phone\_API\_36.0:5554

5:44  
Home



Profile

Settings



About

Profile Screen