



**experts club**

## **Integrando Firebase Authentication com React.js**

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16/03/2022

# Agenda

- Sobre mim e a minha relação com o código;
- Sobre a aula
- Requisitos, ambiente e recursos
- React
- Create React App
- Firebase
- Firebase Authentication
- Referências
- Demo - Prática



# Sobre mim e a minha relação com o código

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- Consultor (arquitetura/desenvolvimento)
- Redes sociais:
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# Sobre a aula

- React
- Firebase Authentication
- Código necessário para a aula criado anteriormente:
  - <https://github.com/rocketseat-experts-club/integrando-firebase-authentication-react-2022-02-16>



# Requisitos, ambiente e recursos

- Ambiente e recursos necessários:
  - Visual Studio Code
  - Conta Firebase



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 React

Docs

Tutorial

Blog

Community

 Search

v17.0.2



Languages

GitHub



# React

A JavaScript library for building user interfaces

Get Started

Take the Tutorial >

## Declarative

React makes it painless to create interactive UIs. Design simple views for each state in your application, and React will efficiently update and render just the right components when your data changes.

Declarative views make your code more predictable and easier to debug.

## Component-Based

Build encapsulated components that manage their own state, then compose them to make complex UIs.

Since component logic is written in JavaScript instead of templates, you can easily pass rich data through your app and keep state out of the DOM.

## Learn Once, Write Anywhere

We don't make assumptions about the rest of your technology stack, so you can develop new features in React without rewriting existing code.

React can also render on the server using Node and power mobile apps using [React Native](#).

## A Simple Component

LIVE JSX EDITOR

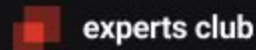
☒ JSX?

RESULT

```
class HelloMessage extends React.Component {
```

Hello Taylor

# Create React App



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Create React App Docs Help GitHub Search

The React logo, a stylized atom with three blue orbits and a central blue circle, enclosed in a blue square border.

## Create React App

Set up a modern web app by running one command.

Get Started

### Less to Learn

You don't need to learn and configure many build tools. Instant reloads help you focus on development. When it's time to deploy, your bundles are optimized automatically.

### Only One Dependency

Your app only needs one build dependency. We test Create React App to make sure that all of its underlying pieces work together seamlessly – no complicated version mismatches.

### No Lock-In

Under the hood, we use webpack, Babel, ESLint, and other amazing projects to power your app. If you ever want an advanced configuration, you can "eject" from Create React App and edit their config files directly.

### Get started in seconds

Whether you're using React or another library, Create

A screenshot of a terminal window with a dark background. It shows a command prompt with a red, yellow, and green icon, followed by the command 'npx create-react-app my-app' and a cursor on the next line.



# Firestore



# Firestore Authentication



# Demo - Prática





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# Referências

- <https://reactjs.org/>
- <https://create-react-app.dev/>
- <https://firebase.google.com/products/auth>
- <https://firebase.google.com/docs/auth>
- <https://firebase.google.com/docs/auth/web/start>
- <https://firebase.google.com/docs/auth/web/manage-users>



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# Obrigado!

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