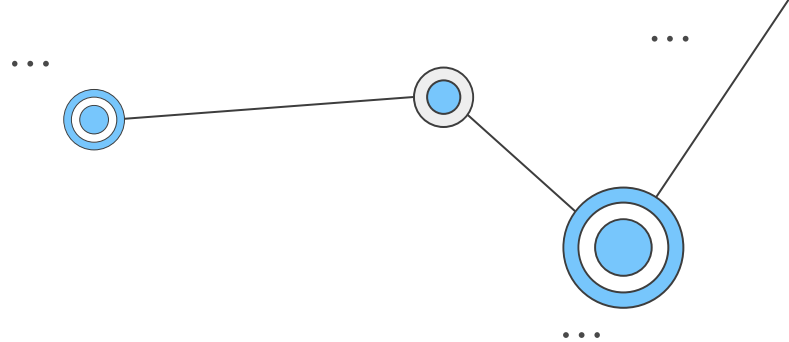
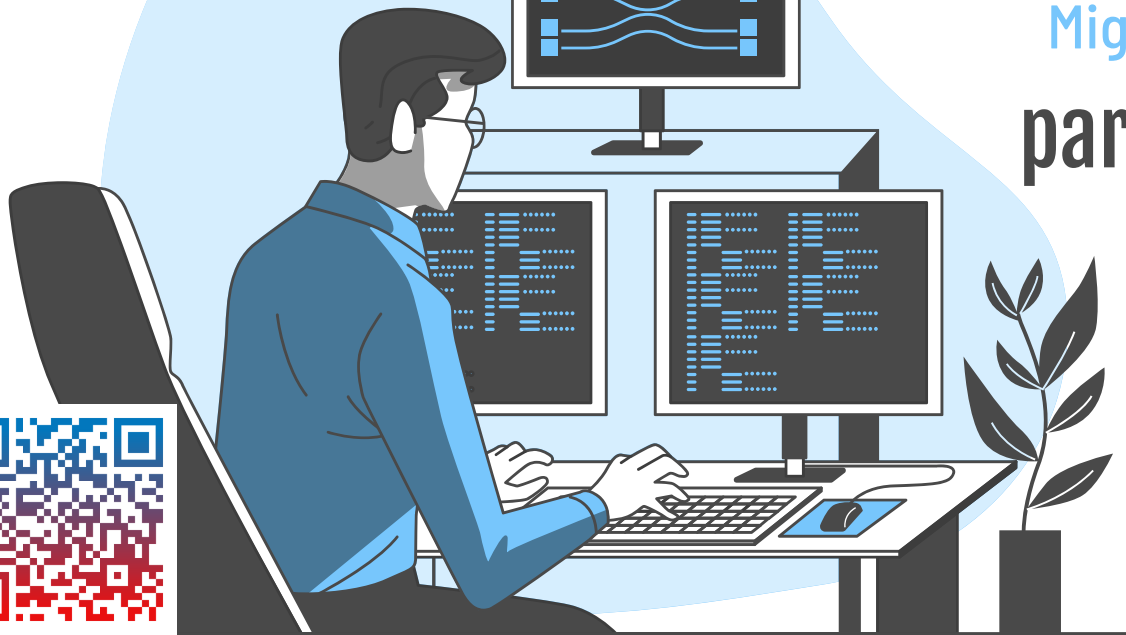


the
developer's
life **WEEKEND**



Migrando Sistemas Legados para React utilizando Microfrontends

Douglas Nassif Roma Junior

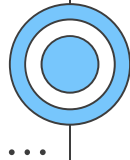
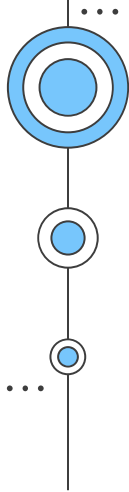


Douglas Nassif Roma Junior



- Desenvolvedor de software desde **2010**
- Formado em Tecnologia em Sistemas para Internet pela UTFPR em **2012**
- Professor universitário desde **2014**
- Fundador da Smarppy em **2017**
- Lead Software Engineer na DB1 **atualmente**

**O que
chamamos
de aplicação
legada?**





O que chamamos de aplicação legada?



Os Sistemas Legados são plataformas que estão em uso dentro da empresa por um longo período e encontram-se em estado de obsolescência.



O que chamamos de aplicação legada?



O Débito Técnico e a dependência de trabalho manual são desafios enfrentados por esses sistemas.

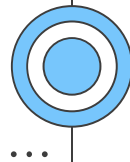
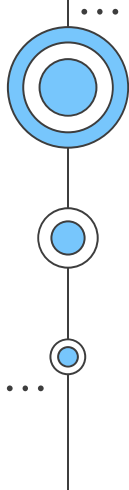


"O débito técnico é como a dívida financeira. Se não controlado, ele pode sufocar qualquer organização." - Robert C. Martin

O que chamamos de aplicação legada?

Normalmente requerem uma intervenção humana significativa e apresentam deficiências em suas configurações.

O que é Microfrontend?



O que é Microfrontend?

Microfrontend divide a interface web em componentes independentes para facilitar o desenvolvimento ágil.

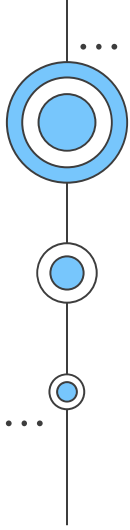
O que é Microfrontend?

Equipes podem trabalhar de forma independente em partes específicas da aplicação.

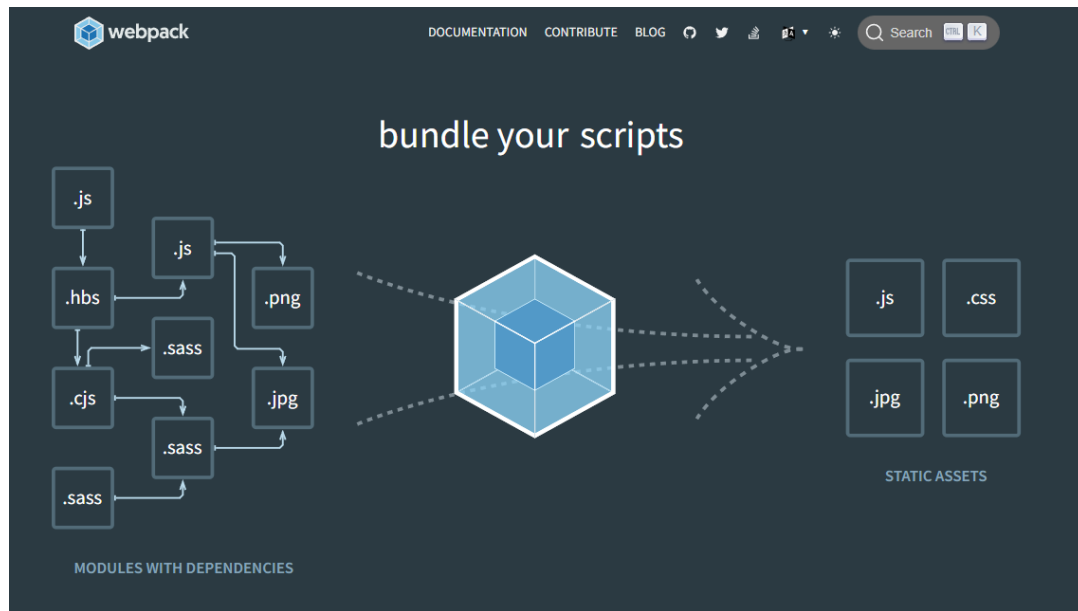
O que é Microfrontend?

Oferece escalabilidade, reutilização de código e mudanças incrementais sem impactar o sistema inteiro.

Bundlers e Frameworks Web

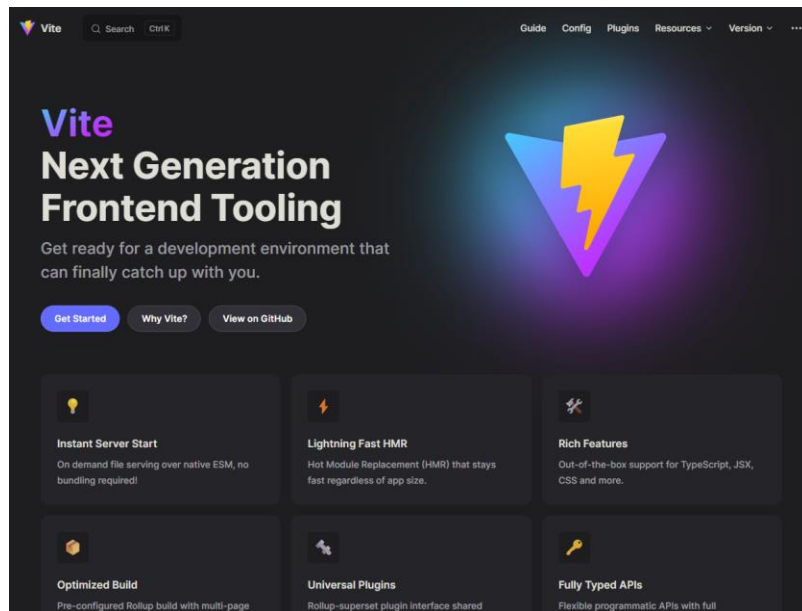


Bundlers e Frameworks Web



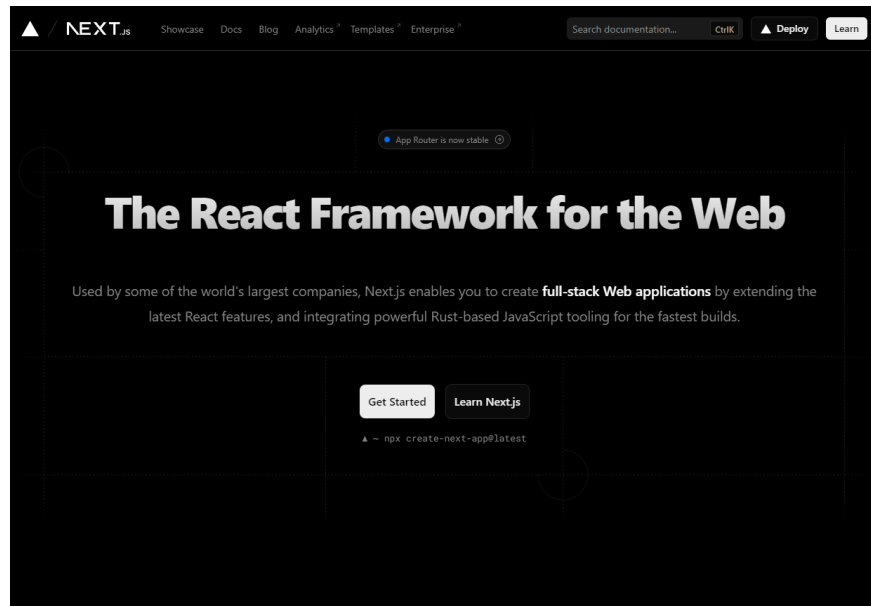
<https://webpack.js.org/>

Bundlers e Frameworks Web



<https://vitejs.dev/>

Bundlers e Frameworks Web



<https://nextjs.org/>

Bundlers e Frameworks Web


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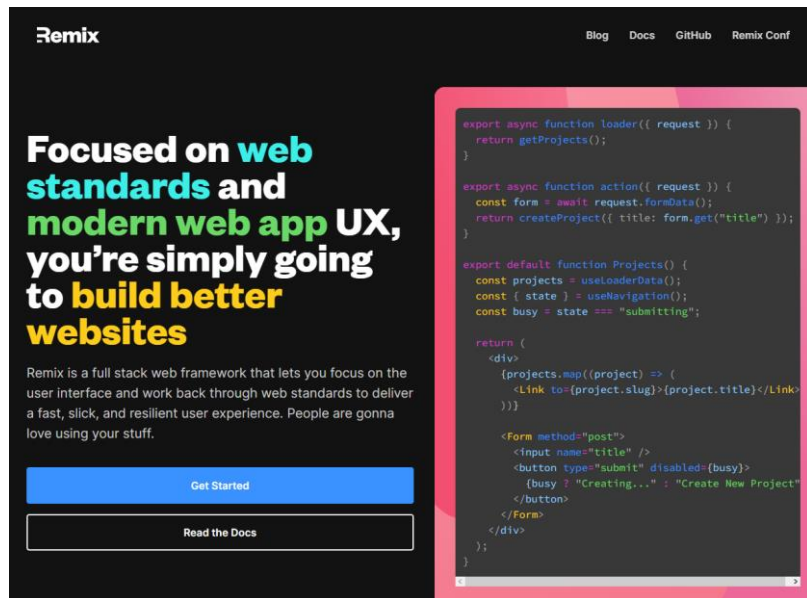


It's in our DNA to be fast.

50%	20×	2×	
Faster Page Load	Faster Build Times	SEO Boost	

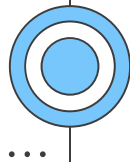
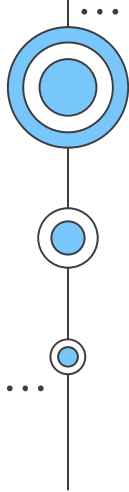
<https://www.gatsbyjs.com/>

Bundlers e Frameworks Web

The image is a screenshot of the Remix website. The header features the 'Remix' logo on the left and navigation links 'Blog', 'Docs', 'GitHub', and 'Remix Conf' on the right. The main content area has a dark background. On the left, there is a large text block: 'Focused on web standards and modern web app UX, you're simply going to build better websites'. The words 'web standards' are in cyan, 'modern web app' is in green, and 'build better websites' is in yellow. Below this text is a paragraph: 'Remix is a full stack web framework that lets you focus on the user interface and work back through web standards to deliver a fast, slick, and resilient user experience. People are gonna love using your stuff.' At the bottom of this section are two buttons: a blue 'Get Started' button and a white 'Read the Docs' button. On the right side of the main content area, there is a pink-bordered box containing a code editor with a dark background. The code is written in a light color and shows a React component with two functions: 'loader' and 'action'. The 'loader' function returns 'getProjects()'. The 'action' function takes a request, gets the form data, and returns 'createProject' with the title. Below these functions is the 'Projects' component, which uses 'useLoaderData' and 'useNavigation' hooks. It returns a JSX element with a list of projects, each with a link to its slug and title. There is also a form with a title input and a submit button that is disabled when 'busy' is true. The submit button text is 'Creating...' followed by 'Create New Project'.

<https://remix.run/>

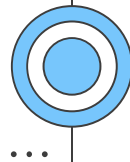
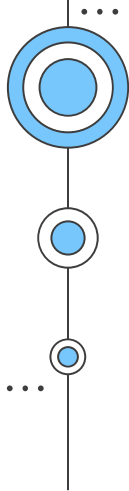
O que não
veremos hoje?



O que não veremos hoje?

- Como desenvolver aplicações para Web
 - Como criar aplicações com React
 - Como configurar um Bundler
- Como converter uma aplicação legada

**O que veremos
hoje?**



O que veremos hoje?

- Como configurar o *webpack* para múltiplas entradas e saídas
- Como renderizar componentes React em qualquer lugar

Mão na massa!



[tr.ee/swewWAXN3-](https://t.me/swewWAXN3)



/douglasjunior

