



# Ruben Marcus

## Senior Software Engineer

Hello, I'm Ruben Marcus. I have 10 years experience as a Software Engineer delivering robust, maintainable and fast apps for banks, startups, e-commerce, with my main skills and experience being in Front-end Development.

### CONTACT

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### LINKS

[linkedin.com/in/rubenmarcus](https://www.linkedin.com/in/rubenmarcus)  
[dev.to/rubenmarcus](https://dev.to/rubenmarcus)  
[github.com/rubenmarcus](https://github.com/rubenmarcus)

### TECH SKILLS

#### Concepts

OOP, Functional  
Programming, Software  
Architecture, Microservices, Micro  
frontend, Monolith, MVC, MVVM,  
TDD, DRY, SPA, SOLID, CSR, SSR.

Semantic HTML, WAI-ARIA  
(Accessibility), Responsive Design

#### Tools:

DataDog, SonarQube, Sentry, GTM,  
Snowplow, Amplitude, Segment,  
NewRelic

#### Tech used in Large Apps

(100k - 1mi users) -  
teams of 20 - 40 developers

JavaScript, TypeScript

#### JS Frameworks:

React, Next.js, Angular

#### Testing:

Jest, React Testing Library,  
Playwright, Cypress, Jasmine, Karma

#### Libs:

Redux, NgRx, RxJS, React Query, SWR,  
Webpack, Apollo, Storybook

#### Styling:

Sass, Less, StyledComponents,

### EXPERIENCE

#### Senior Software Engineer, Lisbon - Portugal - Remote — Grover

SEP.2021 - PRESENT

I work to ensure the best UX and performance to our users helping to maintain code quality over two main front-end repositories, in those months I did:

- I've Migrated the new HomePage in US Store from react 16 to Next.js speeding the load up to 10x
- I've implemented a solution to compress all website images to use webp, and cut the resource load by more than 50% without losing quality
- I've implemented lots of A/B tests and resolved bugs that proved to increase company profit and user acquisition as also better User Experience.
- Help and Instruct more junior engineers
- Help to increase code coverage, do regular code reviews and maintain a codebase where + 30 developers works simultaneously

**Tech:** Next.js, React, Redux, TypeScript, Github Actions, Docker, Terraform, Cypress, React Testing Library, Jest, GraphQL, AWS

#### Senior Software Engineer, São Paulo - Brazil — Zup Innovation

APRIL 2019 - AUGUST 2021

I've worked on projects of OpenBanking in the biggest bank in Latin America, and in the biggest bank from Spain.

- Implemented a new facial biometric solution to detect user interaction and avail user credit score
- Implemented a new architecture to Itau Developer Portal with Strapi and Node.js in the backend and Next.js in the Front-end.
- Help to detect security issues and improve observability
- Help to increase code coverage, do regular code reviews and maintain a codebase where + 60 developers works simultaneously

**Tech:** Next.js, React, Redux, TypeScript, Github Actions, Docker, Terraform, Cypress, React Testing Library, Jest, GraphQL, AWS, Strapi, Serverless, PHP, Angular, RxJS, Redux, GRPC, Single Spa, Lerna

Bootstrap, Foundation, MaterialUI,  
Chakra UI, Tailwind, Bulma, CSS  
Modules, PostCSS

**API:**

GraphQL, Rest

**Infra:**

Docker, Terraform, AWS, Github  
Actions, Gitlab

**Tech used in Small - Medium  
Apps**

(Less than 100k users) -  
teams of 2 - 10 developers

Node.js,Vue.js,Firebase  
,Heroku, Zustand, Recoil, Single  
SPA,Vite

**DB:**

Postgres, MongoDB

**API:**

GRPC-Protobuf

**Tech I Study in Personal Projects:**

Stencil, Svelte, Nuxt.js, Natural(NLP),  
Remix, Styled System, Brain.js, Deno,  
Python, Java

**Tech I worked + 4 years ago:**

PHP, ASP.net C#,WordPress  
MySQL,MSSQL, Oracle

**EDUCATION**

English - Advanced  
Portuguese - Native  
Spanish - Intermediate

Information Systems  
Associate Degree (2020-2021)  
@ FIAP

**Software Engineer, São Paulo - Brazil — GO-K**

FEB 2018 - MARCH 2019

I helped to build a marketplace for the Brazilian's largest logistic group, creating an exclusive channel for the users to buy and sell its vehicles.

**Tech:** Next.js, React, Angular, TypeScript, AWS, Node.js

**Front-end Developer, São Paulo - Brazil — Printi**

MAR 2016 - MAR 2017

Responsible for the implementation of the new version of the e-commerce stack, from the blog to the production systems, user dashboards, and sale campaign pages.

**Tech:** Angular, JavaScript ,PHP

**Front-end Developer, São Paulo - Brazil — Centauro**

MAY 2015 - JAN 2016

Centauro is the 2nd largest sports retailer in Latin America.

I worked to improve the e-commerce's performance, decreasing loading time and increasing conversion rate, also worked for Under Armour, Flamengo Store and Lance Store

**Tech:** Angular, ASP.NET C# ,JavaScript

**Software Engineer, São Paulo - Brazil — Freelance**

MAY 2012 - DEC 2014

I worked as a freelance developer for web and ads agencies, small startups,and big corporations such as Samsung, Panasonic, Monsanto, Itaú, doing content portals, promotional websites, admin dashboards, monitoring systems.

