

# Rodrigo Perelló

## Full Stack Software Engineer

Living in Florianópolis, Brazil

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## Skills

Typescript

Next.js

React

GraphQL

AWS (ECS, S3, SNS, SQS, Lambda)

Node.js

TRPC

SQL

Jest

Webpack

Vue

Vite

PHP

C#/C++

DynamoDB

## Education

### Bachelor of Information Technology

Sydney - Oct 2017 to Oct 2019

Academy of Information Technology

Major: Mobile app development

GPA (6.7/7.0)

### Australian Pacific College

Sydney - 2016 to 2017

Certificate IV in Accounting

## Interests



Soccer



Skiing



Surfing

## About

Senior Full Stack Software Engineer with an easy going personality and creative approach to problem-solving.

Deep technical understanding of Javascript & Typescript. Demonstrated expertise in ReactJS, Node, NextJS, GraphQL, and AWS services, with strong experience in e-commerce solutions.

Adept at leading feature development and implementing robust testing and documentation practices. Seeking to leverage technical expertise and collaborative skills in a dynamic software engineering role.

Always enthusiastic to play around with new tech while working on projects. A self proclaimed typescript wizard and an over-thinker when it comes to variable naming.

## Career Summary

### Full Stack Software Engineer

Koala Sleep Pty Ltd - Sydney (Remote)

Feb 2021 - Present (3 years)

- Developed a storefront application from scratch using **NextJS**, seamlessly integrating with a headless **Commercetools** e-commerce backend and proprietary order fulfillment software, enhancing customer experience.
- Led the development of key features, including; a Server Side AB Testing framework, an advanced product search functionality (**Search IO**), and user accounts (**Clerk**), significantly improving user engagement and conversion rates.
- Worked on the design of a **GraphQL** service, adopting a code-first approach with Nexus, to serve both the storefront application and other services, enhancing data integration and retrieval.
- Designed and maintained a comprehensive **React** and **Tailwind** component library, leveraging **Storybook** for component testing and documentation, ensuring high quality, performance, and user experience.
- Developed and maintained Serverless AWS Lambdas for bespoke operational and logistical business logic, optimizing processes and reducing operational costs.
- Assumed responsibility for the creation of technical documentation, covering both proof of concepts and the final implementations, ensuring clarity and accessibility for technical teams and stakeholders.
- Constructed and managed **CI/CD** pipelines within **GitHub** for end-to-end testing, **Serverless** functions, and dockerized builds, optimizing deployment processes.
- Uphold coding best practices, reviewed over **800 Pull Requests**, providing constructive feedback and mentoring to junior developers, fostering a culture of continuous learning within the team.

- Performed continuous optimization of the platform, including bundle size reduction and JavaScript profiling to rectify memory leaks, elevating the user experience.
- Optimized architecture for server-side A/B Testing, implementing effective caching and standardization strategies to maintain site speed.
- Created scripts to assist content producers by automating data integration into **Commercetools** and **Contentful**, significantly easing content management tasks.

### **Frontend Engineer**

How Too Pty Ltd - Sydney

Jan 2020 - Sep 2020

- Developed e-learning authoring, transitioning it from a pilot phase to a commercially viable product using ReactJS and Node, enhancing digital learning capabilities.
- Designed and deployed custom JavaScript applications with integrated gamification elements, which included complex animations, serving as comprehensive learning and induction tools for employees, which increased engagement and facilitated knowledge retention.
- Integrating proprietary software with external API's and services, such as Stripe, Hubspot and Prismic.

### **Web Development Intern**

The Studio Incubator - Sydney

Mar 2019 - Jun 2019

- Development of page templates with PHP, HTML5/CSS3 and Foundation
- Add website interactivity with JavaScript and CSS transitions and animations