

Rodrigo Perello

Full Stack Software Engineer

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

Demonstrated expertise in creating full stack applications within **AWS**, with a deep technical understanding of **Typescript**, **Go**, **Node.js** and **Next.js**. Strong experience in architecting e-commerce solutions, and always willing to learn a new language or framework while working on a project.

CAREER SUMMARY

Full Stack Software Engineer — Koala, Australia (Remote)

February 2021- Present (3.5 years)

Implemented backend with **Golang**, documented with OpenAPI Specification and deployed with a code as infrastructure approach using **AWS CDK**.

Developed a storefront application from scratch using **NextJS**, seamlessly integrating with a headless **Commercetools** e-commerce backend, **Contentful** as the CMS and a proprietary order fulfillment software.

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 component library, built with **React** and **Tailwind**, leveraging **Storybook** for component testing and documentation.

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.

GitHub [@perellorodrigo](#)

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Working Remotely from Florianópolis, Brazil

SKILLS

Typescript

Golang

Amazon Web Services (ECS, S3, SNS, SQS, Lambda, DynamoDB, Redis)

AWS Cloud Development Kit

Next.js

React

GraphQL

Node.js

Rust

Jest/Cypress

Webpack/Vite

PERSONAL PROJECTS

Encontre seu Pet Canoas

www.encontreseupetcanoas.com

During the floods in my hometown in Brazil, I've developed this website to help pet owners find their lost pets that were rescued by volunteers and sheltered in multiple different places. Created with NextJS, utilizing Contentful as CMS and leveraging Shadcn UI components.

Constructed and managed **CI/CD pipelines** within GitHub Actions for end to end testing, Serverless functions, and dockerized builds, optimizing deployment processes.

Uphold coding best practices, reviewed over 850 Pull Requests, providing constructive feedback and **mentoring 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 **bash** and **node** scripts to assist content producers by automating data integration into Commercetools and Contentful, significantly easing content management tasks.

Front End Developer — HowToo, Australia

January 2020 - September 2020

Developed e-learning authoring, transitioning it from a pilot phase to a commercially viable product using **React** and **Express.js**, 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.

Front End Intern — The Studio, Australia

March 2019 - June 2019

Developed a wordpress theme for the company's website, utilizing **PHP**, **HTML** and **CSS**.

Add website interactivity with **JavaScript**, CSS transitions and animations.

EDUCATION

Bachelor of Information Technology

AIT, Sydney - Australia

October 2017 - October 2019

Major: Mobile app development

GPA (6.7/7.0).

Certificate IV in Accounting

APC, Sydney - Australia

September 2016 - September 2017