Bruno Couto

Senior Software Engineer

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PROFILE

I am a senior software engineer with 7 years of experience in web applications and infrastructure. My background spans roles in Back-end, Front-end, Architecture, and DevOps, with expertise in React, TypeScript, NestJS, AWS, Terraform, and PostgreSQL. I have worked across diverse sectors such as Social Networks, E-commerce, Banking, Cloud, and Cosmetics, which has provided me with a versatile skill set and a broad perspective on industry-specific challenges.

EDUCATION

Mackenzie Presbiterian University

Bachelor of Computer Science 2016 - 2020 (4 years)

EXPERIENCE

EnterpriseAlumni

Senior Software Engineer - Vulnerabilities and new Platforms
Apr 2023 - Today (1 year and 4 months)

- Led front-end development of the **CareerRoadmap** platform using **ChatGPT** for personalized career advice and interview prep. Enhanced AI accuracy to meet user needs and improve engagement.
- Managed **updates** and **maintenance** for the **Alumni platform**, focusing on library upgrades, vulnerability patches, and bug fixes to ensure reliable performance and client satisfaction.
- Implemented **front-end security measures**, including XSS protections and SSR for SVGs, in collaboration with the security team to strengthen platform defenses and user data protection.

Technologies: React, Angular, Typescript, NestJS, Next.js, Chat GPT API

Olist

Senior Software Engineer focused on i18n
Jun 2021 - Mar 2023 (1 year and 10 months)

- **Architected** and **developed** from scratch a **translation server** responsible for serving the translations used by all Olist products through an API. This module is a key part of Olist's **internationalization**, allowing Product Managers and designers to update texts in the front end without having to open tasks for developers.
- Responsible and focal point for Olist i18n, managing **internationalization** efforts and supporting teams in **Brazil** and **Mexico**. Led the adaptation of the Brazilian web app to meet Mexico's specific needs, ensuring a single codebase served multiple regions effectively 🇲🇽 🇧🇷.

Technologies: React, NestJS, Prisma, Postgres, AWS, Cloudfront, Terraform, Python

Santander Bank | Empréstimo Sim

Software Architect & DevOps Engenieer
Aug 2019 - Dec 2020 (1 year and 5 months)

- Boosted **document upload** speed from 1 minute to 10ms by uploading images to Azure Blob Storage first. An Elixir server then handled processing, facial recognition and uploads with a retry mechanism to manage third-party server failures, reducing errors and wait times.
- Created **deployment pipelines** using Azure DevOps, Ansible, and Terraform, improving deployment speed and reliability by automating processes and reducing manual errors.
- Migrated Sim's app from Cordova to **Capacitor**, improving **performance**, **maintainability**, and native **functionality** integration.

Technologies: React, Vue, Node.js, Elixir, Azure, Postgres, Ansible, Terraform, Kong, OpenCV

TECHNOLOGIES

7 years: React, Node.js, NestJs, Postgres, Javascript, Typescript, AWS
4 years: Terraform, Prisma
1 year: Elixir, Ansible, Kong, Azure, Angular, Next.js

LANGUAGES

🇧🇷 Portuguese - Native
🇬🇧 English - Fluent
🇪🇸 Spanish - Basic

Additional Information:
With both Brazilian and Spanish citizenship, I am open to relocating and working in other countries