

LUCAS FERNANDES

Full Stack Engineer • [linkedin.com/in/luks3110](https://www.linkedin.com/in/luks3110) • github.com/Luks3110 • lucas_haya@hotmail.com

Systems-oriented software engineer with 3+ years of experience building scalable web apps and systems for marketplaces, CRM and e-commerce analytics industries. Enjoys understanding customer's needs and collaborating on planning and strategic decisions to ship production-ready code and iterate fast. Currently contributing to the development of a marketplace platform that facilitates thousands of transactions per day, resulting in improved scalability and reliability. Highly adept to best practices such as TDD, SOLID, DRY and KISS. Proficient in JavaScript, TypeScript, Node.js, React.js, Next.js, SQL, NoSQL, AWS, Serverless Framework and NestJS.

WORK EXPERIENCE

Arbo • Mid-Level Full Stack Developer • Brazil (Remote) • Full-time • 08/2022 – Present

A startup with more than 5000 clients focused on CRM and sales solutions, offering its technology for real estate agents to find the ideal client and taking ads to various marketplaces. With double-digit monthly growth, it has merged with one of the largest software companies for condominium management in Brazil, operating with more than 600,000 lease contracts.

Reduced lead insert operation time in our database by 145% by overhauling the structure of our data analytics, implementing pre-processing for dashboard analytics, and repairing data-intensive indexes. Acted as the team's technical reference due to proactivity and proficiency in implementing tools relevant to our use cases, in addition to encouraging good code practices as a code reviewer.

Interacted with multiple teams and designers to implement several features to improve customer experience, such as the inclusion of Algolia in our search, delivering optimal results, in addition to increasing performance level.

Refactored several pages of legacy AngularJS code, fixed multiple bugs and implemented features in resources such as proposals for lease and sale, being responsible for correcting the flow of proposals. Reduced the use of React Context using React Query and improved response time of requests using React Query cache.

Created Design System with TailwindCSS and Radix, and POCs based on personal suggestions on technologies and project architecture.

Afinz • Mid-Level Backend Node.js Developer • Brazil (Remote) • Contract • 03/2023 – 06/2023

A fintech from Brazil with big clients.

Development of scalable code for microservices looking forward to being efficient with resources.

Contributed to the development of the KYC in every step related to the authorization in the KYC process, in microservices using Serverless Framework, Typescript, TDD, Middify, AWS, Clean Architecture and a lot of other cool technologies.

I've done several integrations and API changes using financial providers like Fiserv, writing code that is scalable, efficient and maintainable, that is executed millions of times every day.

I've fixed security issues and refactored code improving its security by removing ways of reverse engineering among other ways of using APIs in a fraudulent way.

Soipo Services • Mid-Level Full Stack Developer • Estonia (Remote) • Full-time • 04/2022 – 08/2022

A software house based in Estonia, specialized in the development of BaaS for enterprise and startups, cross-platform, native iOS and Android applications, system integrations and ad hoc software.

Fixed integration flow with Shopify, Prestashop, BigCommerce and Magento fixing code bugs, JSON transformations and optimizing functions, implementing sockets and a user-friendly loading screen to return real-time feedback from integrations to clients

Reviewed the structure of the microservices architecture, implemented it correctly with Redis, BullMQ and MongoDB, and contributed to the creation of the AWS infrastructure with Serverless Framework, using Lambdas, EC2, VPC, API Gateway, SES and Cognito

Fixed bugs in MongoDB aggregations for the purpose of returning analysis of sales data, among other points in customer stores

Refactored TypeScript code running in Node.js to make it properly typed, maintainable and decoupled

Completely implemented the authentication, registration and password recovery flow with Cognito, refactored class components to functional components, and developed recurrence charges using Stripe

Freelance • Full Stack Developer • Brazil (Remote) • Full-time • 04/2020 – Present

Actively working as freelancer or contractor offering various services, mainly Cloud-Native apps.

Atacadão(04/2020 - 01/2021) • **Contractor** - Created landing pages for promotions, helped in the collaborated with maintenance in the marketplace solving bugs and implementing new features.

NP Serviços(02/2021 - 04/2022) • **Contractor** - Created landing pages for sales purposes, the client worked as a seller for Claro internet plans, and insurance plans for vehicles.

EDUCATION

Mackenzie Presbyterian University, São Paulo, Brazil (2018 - 2022)

Completed 50% of credits towards a BS in Information Systems