

# Luigi Perotti

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## WORK HISTORY

### Golden Entropy Marketing, Inc dba EPCVIP

Los Angeles, CA - USA (on-site full-time)

#### Principal Frontend Engineer DEC 2023 - SET 2024

- Reduced change failure rate by 50% and increased lead times by 35% by establishing communication channels that promoted the adoption of OpenAPI contracts and API code generation
- Lead the ideation and development of a proof of concept for an industry-changing application for capturing leads using direct acyclic graphs for dynamic forms generation (NestJS, HTMX, Typescript, React, and MySQL), leveraging technical expertise and collaboration skills to bring the project to life. Adaptability allowed the team to adjust the approach mid-stream to accommodate changing requirements
- Allowed some applications to be SOC 2 ready by reducing the risk of security vulnerabilities and increasing the speed of remediation with the implementation of automated checks during integration steps
- Decreased cycle time by 15%, by allowing the team to focus on problematic workflows such as peer review time. This was possible with the implementation of a DORA metrics application on top of JIRA and Bitbucket APIs (NestJS, Typescript, and MySQL)
- Successfully mentored an intern into a junior position in the span of less than a year, demonstrating leadership skills and a passion for growth. Provided constructive feedback and support the development of my team utilizing emotional intelligence members

#### Senior Frontend Engineer JAN 2023 - DEC 2023

- Lead the migration of a legacy application to a modern stack on top of a design system which enabled new features to be developed quickly keeping lead times at an all-time low
- Established architecture patterns and best practices, enabling junior developers and new hires to ramp up quickly to enough self-sufficiency, utilizing instructional design principles to develop training materials and support the onboarding process, showcasing my ability to communicate complex concepts simply
- Pushed adoption of Typescript reducing change failure rate by 80% and increasing code quality, demonstrating a commitment to best practices and continuous learning. Problem-solving skills were necessary to identify and address technical debt, leading to improved overall project health
- Defined best practices for mono repo management and CI/CD pipelines (Bitbucket, AWS - Code Build, Code Deploy, Code Pipeline, ECR, ECS, Cloudwatch), enabling the team to deploy multiple times a day with confidence
- Increased code coverage from 0% to 60% in legacy codebases, decreasing the amount of rework by up to 60% in features that displayed more churn, showcasing my ability to identify areas for improvement and drive positive change

### Floki Technologies

São Paulo, SP - Brazil (remote full-time)

#### Senior Full-stack Software Engineer MAY 2021 - DEC 2022

- Increased GMV by more than 300% over 6 months by implementing a series of features, such as cart management, product listing, and free-tier price listing, utilizing business understanding and analytical skills to drive revenue growth
- Built scalable and testable applications using React, Typescript and Express on top of Firebase and GCP
- Reduced the time to hire from 90 days to 40 days and increased the quality of the candidates by refining the hiring process for frontend developers from the moment they got into our hiring pipeline, demonstrating leadership skills and a commitment to process improvement. Emotional intelligence was required to support the growth and development of the team members
- Nourished relationships with stakeholders and business developers in order to keep priorities aligned and to be able to deliver value to the business

### Loft Brasil Tecnologia LTDA

São José dos Campos, SP - Brazil (remote full-time)

#### Full-stack Software Engineer SEP 2019 - JAN 2021

- Enabled the creation and scalability of a marketplace for home buying / selling by implementing a series of features for realtors, such as scheduling and managing visits and their data

#### React Native APR 2020 - JUL 2020

- Lead the migration of an existing proof of concept to React Native. The learnings guided us toward using Flutter as the platform was more stable and had better tooling

## EDUCATION

Applied Mathematics, University of São Paulo, 2016-2017

Materials Engineering, Mackenzie Presbyterian University, 2010-2015

## SKILLS

### Focus

Frontend  
Architecture  
UX  
Full Stack  
Tooling

### Processes

Kanban  
TDD  
Async  
Communication  
Agile  
DevOps

### Programming

Typescript | Node  
HTML | JS | CSS  
SQL  
Go  
Python

### Platforms

Docker  
AWS  
GCP  
Firebase

### Frameworks

React  
NestJS  
NextJS  
React-Native

### Languages

Portuguese  
English