

Gustavo Rodarte

Senior software engineer. JavaScript expert with a passion for software architecture and functional programming

Work experience

Senior Software Engineer at Traive

2021 – 2022

Traive Finance is the first fully-fledged digital financing platform focused exclusively on agriculture. That offers unique, fair, and live credit risk assessment to farmers through the application of machine learning to agricultural & financial data.

- Created and executed a stress test to identify the major bottlenecks of a Node.js application.
- Did code review in a legacy codebase, and purpose an action plan to refactor crucial parts to improve the performance, and code quality
- Rewrote crucial parts of the Node.js application in a more declarative and a side effect-free code.
- Led a small team to work on improving a web-scraping application, increasing the success rate by **55%**.

NodeJs, Functional Programming, PostgreSQL, SQS, RDS, AWS, Jest.

Senior Software Engineer at ZRP

Aplicações

2018 – 2021

Zrp is a company focused on providing web- based solutions for customers with big ideas and a great desire to turn them into a product or service.

- Delivered the MVP for [Creditas](#) Online Banking App in **21 days**.
- Developed an integration with the [Ripple](#) xCurrent, to provide international payments with on-demand liquidity and zero bank fees
- Acted as Team Leader tutoring and helping less experienced developers in several financial market projects.
- Implemented a [Multi-Tenant E-Commerce of Foreign currency exchange](#) using Vue.js with Quasar Framework.
- Built an auto-scaling Microservices architecture with Node.js, GraphQL and AWS ECS.
- Reduced the codebase bugs incidence by **70%** by increasing our codebase test coverage.
- Increased the codebase scalability by redesigning the project architecture following the Clean Architecture and DDD principles.

Contacts

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Education

IT Certificate Program -

Instituto Federal de
Educação, Ciência e
Tecnologia do Rio Grande do
Norte - IFRN
2012-2016

General English- Intermediate B1

Waterford English Language
Centres
2019

Courses

Udemy - Vue JS 2 - The
Complete Guide (incl. Vue
Router & Vuex)

Skills

JavaScript, ECMAScript,,
NodeJS, VueJs, React, Redux,
CSS3, HTML, Git, GraphQL,
RESTful API, TDD, Unit Testing,
NoSQL, SQL, Docker, AWS,
Serverless, DDD, Clean
Architecture, Clean Code, Agile,
Scrum, BDD, Design Patterns,
npm, OOP, Functional
Programming, Web Services

- Recruited and onboarded new engineers, increasing the team from **4 to 14**.
- Developed a mentorship program to teach engineers concepts like immutability, pure functions, and function compositions leading to develop FP open-source projects.
- Helped an enterprise-level team to migrate a React Native app to a super app architecture, making the app easier to scale. Using TypeScript and React Hooks.

NodeJs, VueJs, Functional Programming, MongoDB, Redis, SQS, RDS, GraphQL, AWS, React Native, Redux, Jest, and TypeScript.

JavaScript Developer at Appólice Desenvolvimento

2018

Appólice is a Brazilian startup of the insured market. Appólice provides quotation services and a management dashboard for the brokers.

- Rebuilt an institutional landing page, increasing the access by **50%**.
- Implemented a ChatBot using Google Dialogflow, and Node.js.
- Developed a socket.io server and a client integration for the chatbot.

Node.js, AngularJs, MongoDB, and Heroku.

Full Stack Developer at Claudiabot

2017

CludiaBot is a Brazilian startup that develops chatbots to improve the medical-patient relationship.

- Streamlined significantly deployment process by Implemented DevOps concepts like CI and CD..
- Redesigning the infrastructure for a containerization architecture using Docker and AWS ECS.
- Refactored an old angularJS Front-end application to adopt the components architecture making it easier to scale.
- Developed a Node.js API to setup the chatbots.

Node.js, Angular.Js, MySQL, AWS, Docker and CircleCI.

Full Stack Developer at GCTI

2016 - 2017

GCTI is a software development company that works for the Parnamirim city hall. The company's goals are to reduce costs by replacing third-party software with in-house developed software.

- Reduced load time from **15 to 2 seconds**, which led to a **50%** increase in users satisfaction.
- Rebuilt the entire content management platform from scratch using new JavaScript(ES6+) features.

AngularJs, Webpack, SASS, REST, and PostgreSQL.