

# JOSÉ BARONI

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## SKILLS

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Languages: PHP, Node.js, Typescript, GoLang  
Database: PostgreSQL, MySQL, MongoDB, Clickhouse, DocumentDB, TimescaleDB  
Tools: RabbitMQ, SQS, Kafka, Docker, Git, AWS, DigitalOcean, Confluence

## EXPERIENCE

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### Turno

*Software Engineer*

Remote, U.S.-based company

September 2021 - Present

- Engineered our chat application capable of efficiently handling thousands of concurrent users. Utilized React.js for the frontend and Laravel for the backend, integrating with an external chat service asynchronously.
- Implemented the parallelization of our tests execution, dramatically reducing our test pipeline runtime from an average of 1 hour and 30 minutes to approximately 7 minutes on Jenkins, enhancing development efficiency and agility.
- Created a GoLang internal tool tailored to process and import our database into the local development environment. This initiative led to a remarkable 90% reduction in import time, decreasing it from 3-4 hours to just 15-17 minutes.
- Played a pivotal role in bug fixing and feature development within our core marketplace functionality, ensuring the stability and continuous improvement of our platform to meet evolving user needs.
- Developed an in-house PHP package abstraction enabling seamless integration with multiple message brokers such as Kafka and SQS. This initiative streamlined communication processes across our system architecture.

### Oliveira Trust

*Software Engineer Team Lead*

Rio de Janeiro, Brazil

December 2020 - September 2021

- Led the team in the development of our flagship credit rights (FIDC) management software, which efficiently processed gigabytes of data on a daily basis.
- Assisted in the implementation of a microservices architecture for our internal data gathering tools, enhancing scalability and agility in capturing essential market data.
- Utilized a range of AWS services, such as S3, RDS, EC2, SQS, and DocumentDB, to bolster performance and reliability across multiple projects, ensuring seamless cloud-based solutions.
- Integrated chatbots into the company's landing page, resulting in a notable reduction in email inquiries and enhancing customer engagement.
- Contributed to the development and upkeep of our React Native mobile application.

### Doctoralia | Feegow

*Software Engineer*

Rio de Janeiro, Brazil

November 2017 - December 2020

- Engineered our backoffice software, streamlining internal processes such as invoice generation and database management tools, resulting in significant efficiency gains.
- Contributed to the development of key features within our React Native Mobile App, ensuring seamless user experiences across multiple platforms.
- Architected an asynchronous Laravel queue system to optimize invoice generation processes, enhancing scalability and reliability.
- Designed and implemented an appointment scheduling patient interface, powered by React.js, utilized by thousands of healthcare clinics, improving patient management.
- Led the creation of our online payment module, developing a custom JavaScript SDK and orchestrating seamless integration with multiple payment gateways concurrently.
- Started the transition of our legacy frontend codebase from jQuery to Vue.js, enhancing performance and maintainability.