Tiago Batista Silva Sousa

Software Engineer

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WORK EXPERIENCE

Olist Serviços Digitais

- **May/2021 – Present: Senior Software Engineer**

  - The main responsibility of this role is to work on a country-wide Transportation Management System (TMS) with a flow of around 50 thousand packages every day in a high availability setting

  - Worked on many key features such as integration with other services both from the company itself as well as e-commerce business partners, one of which reduced the First Mile total operation cost by around 38% and the redesign of two critical processes that improved performance by around 25 times

  - Automate the company's technology ecosystem by writing deploy pipelines, containerized environments, and unit, feature and load testing

  - Mentoring of mid-level, junior and interns

  - Stack: NodeJS, TypeScript, Jest, PHP, Laravel, PHPUnit, Kafka, MySQL, MongoDB, JavaScript, SASS, Redis, Locust, Docker

LessClick Systems

- **October/2018 – May/2021: Software Engineer**

  - The main responsibilities of this role was to build a ticketing marketplace system for 3 soccer stadiums, which combined, have a user base of around 400 thousand people and an average of 90 thousand attendants each event

  - Worked on many key features such as performance improvements that led to up to 90% speed gains in page load times

  - Many third party service integrations were developed such as payment gateways (specifically PayPal and GetNet), Google Maps, Firebase, Apple Wallet, Google Pay

  - Automate the company's technology ecosystem by writing deploy pipelines, containerized environments, and unit, feature and load testing

  - Mentoring of juniors and interns

  - Stack: PHP, Node, PHPUnit, ReactJS, TypeScript, Laravel, MySQL, Redis, Docker, Firebase, AWS

BraveCloud Tecnologia da Informação

- **June/2017 – October/2018: Junior Software Engineer**

  - Worked on the development of a framework to process and edit images (macOS/iOS), some themed applications (Halloween, Easter, etc) using the framework itself and commercial web pages
  - Stack: HTML, CSS, JavaScript, PHP, MySQL, Swift

EDUCATION

- Bachelor's degree in General Sciences and Technology (UFRN — 2015)
- Bachelor's degree in Mechatronics Engineering (UFRN — 2018)

ADDITIONAL INFORMATION

- Experience with MVC and Clean Architecture, automated testing and TDD (Unit, Integration, API and Load Testing), Docker, designing and consuming REST APIs, Version Control (Git), AWS (EC2, S3, RDS, DocumentDB, MSK, SNS, SQS, etc), Continuous Integration and Deployment pipelines
- Experience with Kafka and Microservices
- Exposure to Behavior Driven Development (BDD), Domain Driven Design (DDD), and Kubernetes