
João Paulo Duarte Lucio

Senior Software Developer

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RECENT EXPERIENCES

Senior Software Developer, Messagepoint - 03/2020 - present - Toronto, Ontario, Canada

Messagepoint® solution is a hybrid cloud-based CCM software platform that was conceived, designed and built for business users. It allows for the easy management and control of the entire lifecycle for highly targeted and personalized content and messaging, delivered to any channel, while ensuring valuable customer data remains within your infrastructure.

- TDD of REST-API features with attention to security and development standards (Node.js)
- Troubleshoot and fix code to address production issues and SOC2 requirements
- Security, scalability, availability and observability. (Prometheus, Grafana, Prisma)
- Agile mindset with Clean Code and TDD. (Node.js, Jest)
- Design of testing frameworks for non-regression and integration tests.
- Co-oped the DevOps team to develop monitors and security services on the cloud-based production platform infrastructure and automate deploys with CI pipeline (Istio, Kubernetes, Go, AWS, Velero, Jaeger, Kiali)

Senior Software Engineer, BairesDev - 03/2019 - 03/2020 - San Francisco, California, USA

BairesDev is a software outsourcing company that hires the most skilled professionals in Latin America and has clients worldwide.

- Integrated DAZN Streaming platform with third party billing services and delivering NodeJS microservices that are able to charge customers subscriptions directly from their phone bill.
- Developed ingestion system for apple in-app purchases to replace legacy system, using AWS queues and Typescript to reduce the time spent and cost for processing thousands of subscriptions.
- Create, monitor and maintain multiple services, dashboards and alerts using NewRelic, Logz.io and Cloudwatch and integrating them with our tools like Slack, Jira, Bamboo.
- Design, implemented and maintained a full stack monitoring application to analyse users billing and subscriptions from multiple sources using NodeJS, GraphQL, and DocumentDB demonstrating business-oriented architecture and focus on client's needs.

Software Engineer | Product Owner, Intelbras - 08/2016 - 03/2019 - São José - SC, Brazil

Intelbras is a company focused in Security, Telecommunications and Network industries and it is a market leader in most of its business segments.

- Designed, Developed & maintained cloud infrastructure using multiple Cloud providers and hybrid solutions to deliver applications that are enable to perform reliable peer-to-peer connections between multiple user interfaces and its security devices such as DVRs and NVRs.
- Provided monitoring tools of multiple systems developing dashboards, automated reports and custom alerts using Prometheus, Grafana, and CloudWatch, which supported multiple areas such as Infrastructure Architecture, B.I. and Customer Service with realtime systems track and health check.
- Forecast & optimized cloud infrastructure costs, reducing 80.000 USD a year of the total expenses related to the operation by using a hybrid solution for data relay services.
- Write detailed specification, test cases and acceptance criteria for OEM service development as well as test and incorporate them into the local infrastructure.

PREVIOUS EXPERIENCES

- **Software Engineer, Blueticket** - 09/2015 - 08/2016 - Florianópolis - SC - Brazil
- **Systems Analyst, Softplan** - 04/2015 - 09/2015 - Florianópolis - SC - Brazil
- **Software Developer, Stock&Info** - 08/2014 - 01/2015 - Florianópolis - SC - Brazil
- **Systems Analyst, Automatós** - 07/2010 - 02/2014 - Florianópolis - SC - Brazil

SIDE PROJECTS

Bluechat: Chatbots for customer services platform.

Soap-connector: Connectors for interaction between REST and SOAP applications.

Reporting: Generate

TakeYourSelfie: Innovative prototype integrating Security, Network, Energy and Access Control devices for Intelbras.

EDUCATION

2018 B.Sc. in Informational Systems, Universidade Federal de Santa Catarina

TECHNICAL SKILLS

(6+ years): NodeJs, Javascript, Express, CSS, HTML, Angular, MongoDB, Mocha

(4+ years): Express, MongoDB, Angular, Git, AWS, REST, CI/CD, Linux, Shell

(2+ years): Docker, Java, Gulp, Prometheus, Grafana

(1+ years): Bamboo, Terraform, REACT, Vue.js, Python, Go, Machine Learning

LANGUAGES

English - Full professional proficiency

Portuguese - Native

Spanish - Limited proficiency