

Allan César Marques Lira

Back-end Software Developer @ Fortaleza, Brazil

Back-end Software Developer focused on distributed systems with over 5 years of professional experience.

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Education

Federal University of Ceará (UFC) 2018-2023

+ Bachelor of Engineering (BEng), forecast for completion: December, 2021;

+ Focus on Software Engineering, Software Quality, Microprocessors, Operational Systems, Embedded Systems and Machine Learning.

University of Fortaleza (UNIFOR) 2016- 2017
transferred out

+ Bachelor of Engineering (BEng), transferred out to Federal University of Ceará;

+ Assistant student of Physics 1 subject. Publication of an article under the title of '*Computing Tools for physics teaching*', where I developed a 3D graphics engine to simplify the learning of the enrolled students;

+ Enrolled in the Information Security research lab.

Skills

Golang	Microservices
Java	Cloud Patterns
Spring Boot	Kafka
Relational/Non-relational DB	Rest/Event Driven
AWS/Azure	Prometheus
Kubernetes	Datadog
	Grafana/Splunk

Languages

Portuguese (*native*)
English (*working level*).

Working experience

Software Development Analyst III Serasa Experian, May 2023 - Present

+ Contributing into the Digital Wallet Team using mainly Golang, specialized in high availability and scalability;
+ Contributed to the creation of reliable systems for processing financial transactions at a large scale, supporting 4 million active users. Led microservices development, implemented architectures, and optimized RESTful APIs. Collaborated with the team to successfully deliver essential features, ensure code quality and timely deliveries;
+ Currently working as a squad lead to the team.

Back-end Developer Applaudo/Walmart, Oct 2022 - Apr 2023

+ Constructed and deployed microservices using Java, Spring Boot, Kafka, CosmosDB (Azure), and other technologies;
+ Played a crucial role in aggregating data for a new product aimed at identifying consumer goods, ultimately leading to a reduction in inventory errors within the e-commerce platform.

Back-end Engineer iFood, Feb 2022 - Sept 2022

+ Developed, deployed, and managed microservices utilizing Java, Spring, Kotlin, Vert.x, Golang, alongside databases like PostgreSQL, MongoDB, Redis, Cassandra, and AWS Toolkit within a Kubernetes environment;
+ Incident and failure management, conducted post-mortems, debugged issues, performed load testing, and optimized infrastructure scaling;
+ Collaborated with the team to achieve significant cost reductions, totaling tens of thousands of dollars.

Software Developer TotalCross, July 2019 - Jan 2022

+ Contributed to the development of Flutter Vision, an application that transforms mobile app designs into code through microservices;
+ Actively participated in the architectural design and conception of multiple microservices, implementing Rest and CQRS Patterns.