Resume

Name: *Vitor De Farias Metzner*

> A passionate developer and creative problem solver who cares deeply about creating a great product

☎️ Contact

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😺 Github

👨🏽‍💻 Resume Website

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Senior Java Developer

Assurance , Remote - September 2024

- Development and maintenance of robust and scalable systems for a financial institution, using **Java** as the main backend language and **AWS** for cloud infrastructure.

- Implementation of microservices and complex workflows, with orchestration using **AWS Step Functions** and **Lambda** for automation of critical business processes.

- Database management **NoSQL with DynamoDB** and **relational with RDS and Aurora** (Transactional), optimizing performance and ensuring consistency of transactional data.

- Configuration of a secure and scalable environment using **ECS** for containers, **EC2** for computing instances, and integration with **VPC** for network segmentation.

- Implementation of high availability and redundancy through **Auto Scaling** and **Elastic Beanstalk** to support traffic spikes in an automated way.

- Use of **Terraform** to provision infrastructure as code (IaC), enabling a standardized and reproducible environment for development and production.

- Integration of messaging and queuing services with **Amazon SQS** for asynchronous and decoupled processing of critical events.

- Configuring domains and routing with **Amazon Route 53** to manage user traffic securely and with reduced latency.

- Data and file management with **Amazon S3**, ensuring security and disaster recovery policies.

Developer Mid-Level Full Stack

Corebiz, Remote - July 2023 - June 2024

•Maintenance of application e-commerce websites using Kotlin
• Creation and maintenance of templates in Kotlin
• Development of pages and integrations with native and third-party APIs & Prismic
• Creation of pages and components using Kotlin

• Worked with Java 11 & Spring boot with ecommerce clients

• Worked with Amazon CloudWatch, optimizing resource usage and providing insights into operational health

• Worked with Amazon SQS, where I optimized reliable and scalable message queuing to decouple microservices and distributed systems. My work involved configuring SQS queue to manage communication between different components, ensuring smooth and asynchronous processing and also optimized the configuration to deal with specific scenario, maintaining system stability and performance.

• Performed specific customizations on the VTEX IO platform using Java 11 and Spring Boot, such as creating customized modules to meet business needs, optimizing the code with features

• Optimized SQL queries with PostgreSQL to improve system performance and ensure fast information delivery.

• Implemented and corrected Lambda functions to asynchronously process tasks such as sending order confirmation emails, triggered by SQS events, ensuring fast and reliable message delivery

• Used AWS API Gateway to manage API traffic, maintained AWS API Gateway with AWS Lambda to improve an existing serverless architecture and process requests in a scalable and efficient way

Developer Senior Full Stack

Grupo LaModa, Hybrid (Criciuma) - SC , March 2022 - November 2022

• Configured and provided support for the development of actions on the VTEX IO platform
• Worked together with technology, e-commerce and partners to develop back and front end applications
• Performed analyses, technical specifications and developed requirements for the business
• Worked on requirements gathering and development/construction of APIs for consuming information and information in JSON
• Management and Monitoring of Software Development with Amazon CloudWatch
• New teamwork features
• End-to-end action on failures, incidents and problems in Network systems and portals with Amazon CloudWatch

• Worked on code review and support in defining day-to-day processes
• Resolved incidents related to delays in message delivery and data processing failures, using Amazon SQS to ensure application reliability and scalability.
• In-depth knowledge of the concepts of queues, topics and messages, and their practical applications in high availability scenarios
• Developed RESTful APIs using Java 8 and Spring Boot to integrate different systems on the VTEX IO platform, taking advantage of lambda expressions and streams to optimize the code and improve performance.

• Knowledge of techniques to optimize the performance of SQL queries, indexes, and database configuration.
• Integrated Lambda functions with the VTEX IO platform to create custom workflows, using SQS triggers to trigger functions and process events asynchronously

Developer Junior Full Stack

Cadastra Company , *Remote* , *August 2021 - November 2021*

• I did front-end, mobile development and e-commerce projects
• Several smaller projects, including development of customized workday monitoring software, dashboards with data visualization, design/development of an API that

calculates parking prices.

• Contributed to improving user experience, software architecture, coding and teamwork practices with Java 8 and Spring Boot.

• Increased application scalability through the use of SQS queue to manage peaks in demand and ensure real-time message delivery

• Contributed to optimizing the performance of an e-commerce system by creating efficient indexes and SQL queries in the PostgreSQL database

Intership Desenvolvedor Full Stack

Avanti, *Florianópolis - SC (In-Person) May 2021 - July 2021*

B2B and B2C eCommerce Website Development Training for large national and international companies. In squads, inserted into agile methodologies working together with the design team and project management.

Developer Junior Full Stack

Clicksoft , Remote , March 2021 - April 2021

• Application development in private Kotlin projects

• Developed RESTful APIs using Spring Boot to expose features such as student registration, creating training plans,

tracking progress and generating reports.

• Used Spring Data JPA to interact with the database, modeling entities such as students, personal trainers, exercises, sets and repetitions.

• Implemented validations and tests to ensure the integrity of data entered into the system, along with mocking and dependency injection with mockito.

Developer Junior Full Stack

Due Laser , Palhoça SC (In-Person) , December 2019 - February 2021

• I worked in person at a startup, where I developed a mobile application that, in short, controls a laser machine and helps with machine development and testing. As it helps in accelerating the delivery processes of machines to customers who purchase. This application is currently internal but represents a large part of the startup as it greatly accelerated its profits because the machines are developed in the factory itself.

• AWS IoT Core, to securely connect laser machines to the cloud

• AWS Lambda, Lambda functions have been implemented to process machine readings in real time.

- AWS RDS relational database, hosted on Amazon RDS, was used to store all machine readings, as well as operation logs

- Amazon S3: The most voluminous data, such as detailed operation logs and machine performance reports

🗣️ Languages

Portuguese 🇧🇷

Native

English 🇺🇸

Advanced speaker

📚 Formation

Technical Digital Games

2019 Senai