

EDUARDO MARCELINO

Software Engineer

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SUMMARY

I am deeply engaged in the field of software engineering, with a keen interest in artificial intelligence, parallel and efficient computing strategies, and functional and systems programming. My focus also extends to the development and maintenance of critical systems, the exploration of various programming languages, and the resolution of complex problems. Additionally, I am committed to continuous learning and acquiring new knowledge in these areas.

EMPLOYMENT

Club&Casa Design, Brazil - Software Engineer

2021- Current

- Enhanced the performance of PHP-based backend services, leading to significant improvements in system efficiency and response time. This was achieved through code optimization and process refinement, contributing to a more robust and responsive backend infrastructure.
- Integrated our services with APIs from platforms like Monday, Google Calendar, and Google Sheets, using services developed in Python and Go. This integration streamlined various operational processes, enhancing overall system functionality and user interaction.
- Played a key role in the "dockerization" of the company's legacy services, facilitating a more efficient and scalable deployment process. This initiative significantly improved the manageability and reliability of our services.
- Contributed to the development of administrative features for the platform, enhancing the overall functionality and user experience. This involvement was pivotal in expanding the platform's capabilities and improving its operational efficiency.
- Actively participated in the extraction, transformation, and loading (ETL) of company data to integrate with Business Intelligence (BI) services. This process played a critical role in data analysis and decision-making, enhancing the company's strategic planning and operational insights.

Carneiros Assessoria, Brazil - Software Engineer

2023

- Spearheaded the development of a web application using React, which seamlessly interfaces with the primary API service written in Java 17 and Spring Boot. This creation was a cornerstone in establishing a robust and scalable digital platform.
- Employed Docker and Kubernetes for infrastructure management, enhancing the application's deployment efficiency and system resilience. This approach ensured a reliable and flexible infrastructure setup.

- Developed and implemented a Continuous Integration and Continuous Deployment (CI/CD) pipeline, streamlining the software development process and ensuring consistent quality and efficiency in application deployment.
- Utilized MYSQL for database management, ensuring robust data handling and storage. For file storage, implemented Amazon S3, providing a secure and scalable solution for managing application data.
- Hosted services on Amazon EC2 instances, ensuring scalable and reliable cloud-based service delivery. This hosting solution provided the necessary computational resources for optimal application performance.
- Established a suite of unit tests using JUnit, reinforcing the application's reliability and maintainability. This initiative was instrumental in ensuring the application's functionality and stability, facilitating ongoing development and updates.

EDUCATION

B.Sc

Computer Science - Insper

SKILLS

Programming Language and Technologies

- Java
- Python
- Sql
- Unit Test
- Docker
- Go
- JavaScript
- NoSql
- CI/CD
- GPC/AWS