

Bruno Krugel

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Work experience

iFood (06/2022 - Now)

Backend Developer (06/2022 - Present)

- Proficient in the design, development, and continuous maintenance of robust microservices-based architectures, ensuring scalability and resilience. Actively participated in software architecture decisions and discussions, contributing to the strategic direction of projects and fostering collaborative solutions.
- Experienced in successfully migrating projects from traditional `HTTP` architecture to modern and efficient `gRPC` communication protocols, optimizing performance and efficiency.
- Skilled in creating and maintaining dynamic monitoring graphs using industry-standard tools such as `Grafana` and `Datadog`, providing real-time insights into system performance.
- Proficient in devising and executing load tests for microservices using `k6`, effectively simulating real-world scenarios to ensure system reliability and performance.
- Expertise in configuring and maintaining continuous integration (CI) pipelines using `GitLab CI`, automating software build, test, and deployment processes for streamlined development.
- Experienced in the implementation of Chaos Engineering practices using LitmusChaos, systematically introducing controlled failures into systems to identify weaknesses and enhance resilience.
- Accomplished in the migration of `Java-based` projects to `Go`, leveraging expertise in both languages to ensure a seamless transition. Proficient in refactoring, optimizing, and enhancing codebases, resulting in improved performance and maintainability.
- Using `Go`, `NodeJS`, `AWS`, `Grafana`, `Datadog`, `Docker`, and `Redis` daily basis.

SAP Labs Latin America (04/2017 – 06/2022)

Backend Developer (12/2019 - 06/2022)

- Integration of Tax Service into `S/4 HANA`, localizing business scenarios to support and integrate local tax calculation.
- Development and maintenance of a dashboard for Document and Reporting Compliance using `Fiori` design principles and `CDS Views`.
- Development and maintenance of microservices-based architecture with a variety of different programming languages and technologies.
- Experience in developing software using Test Driven Development (TDD), consistently delivering high-quality software solutions with a focus on robust testing.

- Proficiency in setting up and maintaining automated build and deployment pipelines using Jenkins, streamlining the software development lifecycle.
- Using `NodeJS` , `TypeScript` , `Java` , `Cloud Foundry` , `Redis` , and `RabbitMQ` on a daily basis.

Customer Support (04/2017 - 12/2019)

- Experience in providing comprehensive support and configuring integration processes, specializing in ECC (ERP Central Component) and SCM-APO (Supply Chain Management – Advanced Planning and Optimization).
- Customer support and consulting for Extended Warehouse Management (`SCM-EWM`).
- Topic contact for the component of SCM-EWM-SR (`Shipping and Receiving`), with high experience in providing support and consulting to customers and colleagues.
- Queue Management and Screening Expertise: Highly skilled in the management and rigorous screening of queues, enhancing operational efficiency and ensuring the uninterrupted flow of critical tickets.
- Proficient in conducting in-depth analysis and debugging of ABAP code, ensuring code quality, performance optimization, and swift issue resolution.
- High experience in creating and maintaining Knowledge Base Articles (KBA), empowering teams with readily accessible knowledge resources for efficient problem-solving and troubleshooting.

Rech Informática (01/2016 – 03/2017)

Fullstack Developer

- Agile Methodology Proficiency: Experience in applying Scrum methodology to manage and deliver software projects efficiently.
- Scripting for Automation: Proficient in Windows scripting to automate complex tasks, enhancing operational efficiency and reducing manual intervention.
- Expertise in customer engagement, conducting site visits, and comprehensive environment analysis. Proven ability to identify software improvement opportunities by understanding customer needs.
- High experience in developing and maintaining codes in `COBOL` .
- Maintenance and development of modules for Industrial management, Management of service orders, Stock Management, Purchasing Control, and Warehouse Management Systems (WMS).

Academic background

- *Associate's Degree in System Analysis and Development*, UNISINOS, São Leopoldo – RS, Concluded in 2022.
- *Electronic Technician* course integrated into High School, Fundação Escola Técnica Liberato Salzano Vieira da Cunha, Novo Hamburgo - RS, Concluded in 2016.

Projects

AdSimplifier (01/2023 - Now)

Fullstack Developer (01-2023 - Present)

- Founded and spearheaded AdSimplifier, a dynamic platform designed to analyze advertising expenses and streamline optimization strategies meticulously.
- Leveraged Go to architect and develop the robust Backend infrastructure, ensuring secure and efficient data processing.
- Crafted a user-centric front-end experience using NextJS and React, focusing on intuitive usability and real-time data visualization.
- Engineered a flexible and scalable database system using MongoDB to store and manage critical business data.
- Employed Redis as a high-performance caching mechanism, enhancing backend processing speed and overall system responsiveness.
- Seamlessly integrated Stripe for seamless payment processing, ensuring a secure and efficient financial transaction experience.
- Orchestrated the deployment and hosting of the server infrastructure on Heroku, while Vercel facilitated the website's performance and reliable hosting.