

EDIMAR BARBOSA

Senior Full-Stack Engineer | Java, Kafka & Backend Specialist Software Development



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■ Desenvolvimento de Software

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Localização: Camacari, BR

Sobre Mim

Senior Developer with over 20 years of experience in the software industry. Expert in the full development lifecycle, specializing in Java and Apache Kafka for event-driven architectures and real-time data processing. Proven track record in developing complex PHP-based Management Systems for finance and industry. Skilled in transitioning legacy monolithic systems (Clipper, Delphi) into modern, scalable microservices. Committed to clean code, high performance, and resilient system design.

Habilidades

Backend & Messaging: Java (Spring Boot), Apache Kafka, Node.js, Python (Flask)., Web & Management: PHP (Financial & Scaffolding Systems), C#, .NET, Ruby on Rails., Databases: PostgreSQL, MySQL, SQL Server, DBF., Frontend & Mobile: React, React Native, JavaScript, Android Native, HB++ (Palm OS)., Data & BI: Metabase, Power BI, real-time API integration.

Experiência Profissional

Metrics Software Engineering

Senior Software Engineer

2023 - Present

Vehicle Geolocation Microservice: Architected and implemented a high-concurrency tracking service using Java and Kafka to process real-time coordinate streams with low latency. Scalable Architectures: Designed robust backends using Python and PostgreSQL for industrial and public health sectors. End-to-End Delivery: Led the development of high-traffic products, from intelligent chatbots to professional management portals.

Avansys Tecnologia

Mid-Level Systems Analyst | Municipal Health Department

2022 - 2023

Scaffolding Management System: Engineered a large-scale system for industrial scaffolding logistics, optimizing safety and assembly workflows. Financial & Core Web Systems (PHP): Led the evolution of the primary PHP/MySQL web platform, ensuring high availability for complex financial and relational data. System Modernization: Facilitated the architectural shift from legacy monoliths to service-oriented architectures (Microservices). Data Visualization: Integrated Metabase to provide real-time visibility into project progress and labor productivity.

Metrics Software Engineering

Software Engineer

2018 - 2022

Real-Time Dashboards: Built a queue management system for Emergency Care Units (UPAs) to streamline patient flow. Compliance & e-SUS: Managed technical maintenance and synchronization for the national e-SUS system, ensuring Ministry of Health standards.

KAEFER SE & Co. KG

Mid-Level Systems Analyst | KAEFER SE & Co. KG 2013 – 2018

2013 - 2018

Full-Stack Industrial Apps: Developed robust C# (.NET) and Ruby on Rails applications to automate operational workflows. Field Engineering: Conducted on-site research to translate industrial challenges into technical software requirements.

Avansys Tecnology

Mid-Level Systems Analyst | Municipal Health Department

2011 - 2012

Legacy Systems Management: Responsible for the maintenance, support, and continuous improvement of legacy software critical to public health operations, ensuring system uptime and data reliability. System Development & Enhancement: Developed new features and optimized existing codebases to align with evolving municipal health regulations and public policy requirements. Technical Support & Troubleshooting: Provided specialized Tier 2 and Tier 3 support for complex system issues, identifying root causes and implementing permanent fixes to minimize service disruption. Data Integrity & Compliance: Managed healthcare databases, ensuring the security of sensitive patient information and compliance with data protection standards. Stakeholder Collaboration: Acted as a bridge between health officials and the IT department to translate administrative needs into technical specifications and software updates.

Mills Engineering

Full-Stack Software Engineer | Industrial Scaffolding Management System

2009 - 2011

Cross-Platform Management: Developed desktop (Delphi) and mobile solutions for complex scaffolding assembly. Palm OS Development: Built mobile apps using HB++ for real-time paperless reporting by field supervisors.

Clipper IT

Software Developer | Inventory & POS Systems

2002 - 2008

Inventory & POS Systems: Developed complete Point of Sale and Inventory systems for the construction retail sector using Clipper and DBF.

Educação

Faculdade Jorge Amado

Programmer

2001 - 2002

Clipper Developer

Developer

2003 - 2004

UNITINS

System Analyst

2008 - 2011

ESAB
System Enginner
2010 - 2012

Projetos

My Portfolio PRO

My Portfolio Pro is an innovative platform designed for companies and professionals who want to create and manage multiple professional portfolios in a simple and efficient way. Our mission is to help companies and professionals from all fields highlight their skills, experiences, and projects in a professional and impactful manner.

Tecnologias: Python, Flask, HTML, Css, Java Script

Link do Projeto: <https://github.com/edimar27/blog-profissional>

Birds Of Brazil

A complete system for registering and consulting Brazilian birds with advanced internationalization features, image protection, and a modern interface.

Tecnologias: Python, Flask, HTML, Css, Java Script

Link do Projeto: <https://github.com/edimar27/aves-do-brasil>

Idiomas

Portuguese - Native

English - Advanced