

EDIMAR DE JESUS BARBOSA

Senior Software Engineer | Frontend & Mobile Specialist
(React / React Native) Software Development



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■ Desenvolvimento de Software

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Localização: Camaçari, BR

Sobre Mim

Senior Developer with over 20 years of experience in the software industry, specializing in building high-performance user interfaces and scalable mobile applications. Expert in React JS and React Native, with a deep understanding of modern frontend ecosystems, including state management, real-time API integration, and responsive design. Combining a strong technical foundation (Delphi, PHP) with current technologies, I focus on delivering seamless User Experiences (UX), clean code, and modular frontend architectures.

Habilidades

Frontend: React JS, JavaScript (ES6+), HTML5, CSS3, Styled Components., Mobile: React Native, Android Native, HB++ (Palm OS)., Backend & Integration: Node.js, Python (Flask), Java, RESTful API consumption, and WebSockets., Databases & Tools: PostgreSQL, MySQL, SQL, Git, Metabase, Power BI.

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 Technology

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