Luiz Augusto Ventura

Software Engineer

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Summary

Software Engineer with 6+ years of experience designing and building scalable, high-performance systems. Strong background in distributed architectures, cloud platforms, and technical leadership.

Technical Skills

Linux, Git, Docker, JavaScript, TypeScript, Node.js, Nest.js, React, React Native, Next.js, Fluter, Java, Spring Boot,C#, .NET, REST APIs, GraphQL, Microservices, Event-Driven Systems, Domain-Driven Design, Clean Architecture, Hexagonal Architecture (Ports & Adapters)

Professional Experience

Fullstack Developer — Suflex   April, 2025 – Present

Remote

- Developed software using Docker, Redis, Postgres, Nest.js, GraphQL, and ReactJS to create complete, efficient, and scalable solutions
- Applied Hexagonal Architecture (Ports & Adapters) and Clean Architecture to ensure low coupling, maintainability, and high testability
- Trained developers transitioning into tech, supporting them in learning and executing the company's projects

Software Engineer — PumpkinTech   January, 2024 – August, 2024

Remote

- Transformed a slow, limited low-code application in a fast, robust, and scalable system using Docker, Postgres, Node.js, and ReactJS
- Applied backend and database optimizations, reducing the execution time of queries by up to 99% (from 86 seconds 1 second)
- Developed Android and iOS apps (using React Native) with an offline-first approach, prioritizing user experience even in limited connectivity scenarios
- Performed UX and performance optimizations in Android and iOS apps, delivering a smoother and more responsive user experience
- Published apps on the Play Store
- Developed REST APIs using Java Spring Boot

Frontend Developer & Tech Lead — IvoryIT   June, 2022 – March, 2023

Remote

- Developed web apps using ReactJS and mobile apps for Android and iOS using React Native
- Published apps on the App Store and created CI/CD pipelines to streamline the iOS development workflow
- Applied Hexagonal Architecture (Ports and Adapters) to ensure low coupling, maintainability, and high testability
- Provided technical leadership to junior developers and interns, supporting them with tasks and professional development
- Served as a career mentor for an intern, offering professional guidance and helping in the development of his technical skills

Mobile Developer & Tech Lead — A2W Tecnologia   March, 2021 – June, 2022

Alfenas, Brazil

- Developed Android and iOS apps with React Native, prioritizing an offline-first approach to enhance user experience
- Implemented data compression strategies, improving more than 98% (30+ minutes to 30 seconds) in response time for requests involving media uploads
- Published apps on the App Store
- Served as a tech lead, guiding and supporting junior developers in their tasks and professional growth

Mobile Developer — BrasilSync   August, 2020 – March, 2021

Paraguaçu, Brazil

- Developed Android and iOS apps using React Native
- Drove performance optimizations on queries and requests, applying an offline-first approach to ensure a better user experience in environments with limited connectivity

Fullstack Developer Intern — Alterosa City Hall   **September, 2019 – December, 2019**

Alterosa, Brazil

- Designed, developed, and deployed a complete service order management system, optimizing internal processes and increasing operational efficiency

Leadership & Impact

- Technical lead for a team of 4 developers
- Served as career mentor for interns and people transitioning to software development
- Conducted onboardings and trained junior developers
- Drove adoption of Hexagonal Architecture (Ports & Adapters)
- Applied backend and database optimizations, making queries 99% faster
- Developed compression strategies, making requests with media upload more than 98% quicker
- Automated the iOS development workflow by creating CI/CD pipelines

Education

Bachelor of Science in Computer Science

UNIFENAS - Universidade Prof.Edson Antônio Velano — Alfenas, Brazil

2016 — 2019

Basic Computer Course

Idema — Alterosa, Brazil

2006

Certificates

- Clean Code, Clean Architecture, and DDD — Rodrigo Branas
- Imersão Build & Automate: Desenvolvimento e Automação com IA — Rocketseat
- FC Tech Week IA for Devs — FullCycle
- Desafio Microserviços Esacláveis — Rocketseat