# Vítor Matos

**Senior Software Engineer | Frontend Architecture & Distributed Systems**

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## Professional Summary

Senior Software Engineer with 13+ years of experience delivering high-scale e-commerce and retail systems. Strong frontend expertise in TypeScript and Vue.js, combined with backend and cloud exposure (Node.js, Golang, Google Cloud Platform).

Experienced in designing modular and scalable frontend architectures, contributing to distributed systems decisions, and working on performance-critical transactional flows such as checkout and in-store systems. Regularly collaborating on architectural trade-offs, observability strategies, and system reliability within enterprise environments.

## Core Expertise

- Frontend Architecture (Vue 2 & 3, TypeScript, modular design)
- Scalable UI Systems & Performance Optimization
- Distributed & Event-Driven Systems
- Cloud-native environments (Google Cloud Platform)
- Docker & Containerized Deployments
- API Design & Integration (REST / GraphQL)
- Observability & Monitoring (Datadog)
- E-commerce Platforms & Transactional Flows
- Cross-functional Collaboration & Technical Leadership

## Professional Experience

### Leroy Merlin Portugal

**Senior Frontend Engineer** *Aug 2019 – Nov 2025*

- Participated in architectural design decisions for enterprise-grade retail and internal systems.
- Designed and implemented scalable frontend architectures using Vue 3, Vite, and modular design patterns.
- Contributed to distributed system integrations using Google Cloud Pub/Sub (event-driven architecture).
- Developed performance-critical in-store self-checkout systems (PPC) used in all physical retail stores, handling real-time transactional flows and improving operational reliability.
- Participated in architectural discussions around service communication, deployment strategies, and observability.

- Improved monitoring and production visibility using Datadog.
- Worked in containerized environments using Docker and Kubernetes.
- Collaborated closely with backend teams (Node.js, Golang) to ensure scalability and consistency across services.
- Delivered internal platforms including supplier management systems and internal status applications.

**Technologies:** Vue 3, Node.js, Golang, Quasar, Vite, Google Cloud Pub/Sub, PostgreSQL, Docker, Kubernetes, Datadog, TanStack Query, Svelte, Nuxt.js, Valkey, Agile methodologies.

## Worten Online

**Frontend Team Lead** *Nov 2016 – Jul 2019*

- Led frontend initiatives during major e-commerce platform redesign and checkout optimization for a high-traffic national retail platform.
- Contributed to major redesign efforts and checkout flow improvements.
- Coordinated frontend development across teams in an agile environment.
- Worked closely with backend services (Node.js, Golang) in a distributed system context.
- Ensured scalability and performance of high-traffic transactional flows.

**Technologies:** Vue 2, Node.js, Golang, Redis, Docker, AWS, PostgreSQL, CSS, Agile.

## Flexi (betarena.com)

**Frontend Developer / Backend Contributor** *Apr 2015 – Sep 2016*

- Developed frontend features for a real-time social betting platform.
- Implemented backend modules using CodeIgniter for real-time data retrieval.
- Worked with relational databases and JSON-based APIs.

**Technologies:** PHP (CodeIgniter), MariaDB, Bootstrap, Vanilla JavaScript, JSON.

## Able Translations Canada

**Fullstack Developer** *Dec 2013 – Mar 2015*

- Developed a workflow management platform for multilingual translator coordination.
- Contributed to mobile-integrated solutions (Android, iOS, BlackBerry via PhoneGap).
- Designed and maintained database structures and API integrations.

**Technologies:** PHP, MySQL, jQuery Mobile, PhoneGap, SQLite.

# Education

**Bachelor's Degree in Computer Engineering** Universidade Independente (1997 – 2003)

# Certifications

- CCNA – Cisco Certified Network Associate

- Sustainable IT Fundamentals – Devoteam (2024)

## Languages

- Portuguese – Native
- English – B2