

Vitor Hugo Semiao da Silva Macedo

Senior Full-Stack Engineer

Sao Paulo, Brazil | Open to Remote & Relocation vitor@amzvt.com | linkedin.com/in/vitorsemiao | github.com/amzvt Languages: Portuguese (native) | English (fluent) | Spanish

Profile

Senior Full-Stack Engineer with 7+ years in software engineering and hands-on experience across React, Next.js, NestJS, TypeScript, and PostgreSQL. Currently Head of Web Development at Group Link One — architected and built the multi-tenant foundation behind 5+ B2B AIoT SaaS products while leading a team of 5. Strong systems background from 4 years building iOS SDKs, BLE frameworks, and production apps. Comfortable going deep on frontend, backend, or infrastructure. Looking for senior IC roles where I can ship high-impact software at scale.

Experience

Head of Web Development — Group Link One™

Apr 2024 – Present | Hybrid, Brazil

Player-coach role: hands-on architecture and engineering alongside team leadership for 5+ B2B SaaS products.

- Architected the multi-tenant frontend — shared React component library, icon set, and utils package consumed by all 5+ platform products
- Split a monolithic web product into purpose-built B2B platforms (Utilities, OOH, Streetlight, Fraud, Tracking) with independent deployments
- Built multiple NestJS + Prisma + PostgreSQL backend services from scratch
- Implemented PayloadCMS as the headless CMS for public documentation
- Set up full CI/CD with GitHub Actions, Vitest test suites, and Sentry error monitoring with Grafana dashboards
- Containerized all services with Docker, deployed on GCP with Kubernetes
- Introduced AI-assisted development workflows (Claude + custom tooling) — increased team throughput on documentation and code review

Stack: React, Next.js, NestJS, TypeScript, Prisma, PostgreSQL, PayloadCMS, GCP, Docker, Kubernetes, GitHub Actions, Vitest, Storybook, Sentry, Grafana

iOS Engineer — Group Link One™

Jul 2020 – Apr 2024 | Sao Paulo, Brazil

Senior iOS engineer. Built production apps and the core SDK for the company's IoT ecosystem.

- Designed and shipped the iOS SDK for AIoT — BLE/CoreBluetooth integration with sensors, beacons, and a patented internal communication protocol
- Shipped 3 consumer App Store apps: Consumo Inteligente, GLPush, GLActivation
- Built 4 internal enterprise apps: GL Utilities, Dataoris, Sonarprint, GLDocs
- Implemented CoreLocation features: geofencing, indoor positioning, continuous BLE-based device tracking

- Owned code review, release process, and architecture across all iOS products

Stack: Swift, SwiftUI, UIKit, CoreBluetooth, CoreLocation, BLE, CoreData, Combine, CocoaPods, SPM

Software Programmer — Self-employed

Jan 2019 – Jul 2020

- End-to-end freelance software delivery — iOS (Swift, Objective-C) and cross-platform (Flutter)
 - Full lifecycle: requirements, architecture, development, testing, deployment
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Education

Bachelor's Degree in Computer Science — Universidade Sao Judas Tadeu (2020 – 2023)

Bachelor of Technology in Systems Analysis and Development — Universidade Cidade de Sao Paulo (2017 – 2018)

Technical Skills

Frontend: React, Next.js, TypeScript, Storybook, Vitest, Tailwind CSS, Component Library Design, Multi-tenant UI Architecture

Backend: NestJS, Node.js, Prisma, PostgreSQL, PayloadCMS, REST APIs, Authentication, Multi-tenancy

Infrastructure: GCP, Docker, Kubernetes, GitHub Actions, CI/CD Pipelines, Sentry, Grafana

Mobile: Swift, SwiftUI, UIKit, CoreBluetooth, CoreLocation, BLE, iOS SDK Design

Architecture: Multi-tenant SaaS, Monolith-to-Microservices, SDK Design, Component Libraries, Clean Architecture

Tools: Git, GitHub, VS Code, Xcode, Figma, Storybook, Postman

Highlights

- Architected multi-tenant platform serving 5+ B2B products from shared codebase
- Patented IoT communication protocol (Group Link One)
- 6+ production apps shipped (App Store + Enterprise)
- Monolith → microservices migration — zero downtime
- Web Summit Rio 2026 technical representative