

# Gustavo Pertile Follador

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## EXPERIENCE

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### Senior Frontend Engineer - Vortex Labs

May 2025 - Present

- Key engineer across two flagship products: CenterCheck (centercheck.com), a B2B retail-intelligence SaaS giving enterprise clients deep visibility into store-level sales performance across tens of thousands of U.S. retail locations (shopping malls, standalone stores, and national chains); and Fantasy Life, a major U.S. fantasy football platform used by thousands of active players.
- Enabled enterprise clients to visually analyze store-level sales performance across 50,000+ U.S. retail locations by engineering an interactive Mapbox integration with real-time clustering and performance-optimized rendering, reducing initial map-render time by 65% on 10k+ point datasets.
- Surfaced actionable retail insights to enterprise decision-makers by building Chart.js dashboards, custom Sankey diagrams for customer-journey analysis, and comparative time-series visualizations that render KPIs in under 2 seconds per query.
- Reduced client reporting turnaround from 30+ minutes of manual work to under 10 seconds by building a server-side Puppeteer PDF pipeline supporting 6+ report types with dynamic branding and on-demand exports.
- Co-built Fantasy HQ — the central command center used by every active Fantasy Life user — by developing the frontend for high-traffic roster-decision tools (Waiver Wire Analyzer and Trade Analyzer) that power weekly lineup and trade decisions for thousands of U.S. fantasy football players.

*Tech Stack: Next.js, React, TypeScript, Tailwind CSS, Zustand, Mapbox, Chart.js, Firebase, Puppeteer, Vitest, Playwright, Contentful, Mixpanel, HubSpot, Mailchimp, JavaScript, REST APIs.*

### Tech Lead | Senior Software Engineer - Tech4Log

June 2023 - May 2025

- Logistics technology company serving top Brazilian operators (Vidal, Buffon, Campovita, FF) — an 8-module risk-management SaaS processing 500,000+ investigations at 99.9% uptime, operated 24/7 by in-house risk teams.
- Built the entire React frontend from zero as the sole frontend engineer, shipping and maintaining 8 production modules end-to-end by independently designing the architecture, component library, state management, routing, and build tooling.
- Designed the Firebase-synced real-time case queue that serves as the operational backbone of the 24/7 risk-management module — 40+ concurrent operators across 4+ logistics clients pulling from a single live queue — by implementing atomic case-to-agent assignment on pickup, eliminating duplicate investigation work and preventing race conditions at scale.
- Co-built an MDF-e closure automation flow over WhatsApp combining OCR-based document extraction, validation bots, and end-to-end workflow orchestration, collapsing a multi-hour, gas-station-bound process into a sub-30-second mobile closure that drivers and dispatchers can execute from anywhere.
- Shipped four mobile-first production SaaS applications end-to-end — two React + Vite (frontend-only), one React + NestJS (full-stack), and one React + Python/FastAPI (full-stack) — by independently designing the entire system architecture, state, API contracts, and deployment pipeline for each.
- Accelerated new-developer onboarding and raised code-quality standards by defining the company-wide frontend stack, leading 200+ code reviews, and mentoring 3 junior engineers on React best practices.

*Tech Stack: React, GraphQL, Node.js, NestJS, Python, FastAPI, TypeScript, Tailwind, Vite, Redux, JavaScript, BFF, REST APIs, Bitbucket, Firebase, Git, DeployHQ.*

### Software Engineer - AGGRANDIZE

June 2023 - December 2023

- Delivered customer-facing shopping experiences for Frigelar, a major Brazilian home-appliance and HVAC e-commerce retailer, by developing and maintaining React frontend features on Oracle Commerce Cloud (OCC) and Oracle Store Framework (OSF).
- Consistently hit sprint deadlines across 3+ concurrent release tracks by shipping features under tight agile delivery cycles in a fast-moving squad.

*Tech Stack: React, TypeScript, JavaScript, Bootstrap, Oracle Commerce Cloud (OCC), Oracle Store Framework (OSF), Scrum.*

### **Mobile Developer - CargoBank**

June 2022 - June 2023

- Built a cross-platform banking application from scratch with Flutter (iOS + Android) as the sole mobile engineer, implementing core fintech features including Pix payments, account management, and transaction flows.
- Owned the full mobile product lifecycle – architecture, API integration, CI/CD, and release readiness – delivering a production-ready fintech application end-to-end.

*Tech Stack: Flutter, Dart, iOS, Android.*

### **Software Engineer - Astrus Digital**

February 2022 - June 2022

- Delivered 10+ production e-commerce and corporate websites for traditional companies by building React frontend features with server-rendered Laravel/Blade templates and standardizing reusable UI components to reduce time-to-launch across concurrent projects.

*Tech Stack: React, TypeScript, PHP, Laravel, Blade, WordPress, JavaScript, SQL.*

## **EDUCATION**

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### **Bachelor of Science in Computer Science**

URI Erechim — Erechim, RS, Brasil | June 2025

Relevant Coursework: Algorithms, Distributed Systems, Machine Learning, Database Systems

## **LANGUAGES**

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Portuguese - Native | English - Professional Working Proficiency