

Alexandre Anício

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SOFTWARE ENGINEER SUMMARY

- Senior full-stack engineer with **6 years of experience**, the last **5 working remotely with US-based teams** across FinTech, GovTech, and SaaS sectors.
- **Frontend architecture specialist:** Micro-frontends, monorepos, and shared code and tooling across web and native, and design systems, shipped across products ranging from complex legacy applications to greenfield platforms.
- **Strong backend and data engineering:** Django and Node.js services with GraphQL/REST, event-driven pipelines with worker pools and message queues processing thousands of events per day, PostgreSQL query optimization, Redis caching, and real-time features over WebSockets.
- **Cloud and DevOps:** Azure, GCP and AWS with Terraform, Docker, and Kubernetes. Infrastructure as code for automated, replicable and secure environments, backed by reliable CI/CD.
- **Technical leadership:** Leads a company-wide frontend guild: mentoring engineers, running workshops, and steering technical direction. Creator and maintainer of an open-source NPM package suite used across projects.

TECHNOLOGIES AND LANGUAGES

Programming: JavaScript/TypeScript, Python, SQL, HTML5, CSS3, Bash

Frontend: React, React Native, Vue, Webpack, Web Components, Micro Frontends, Monorepos, React Testing Library, Playwright, Cypress

Backend & Data: Django, Node.js, GraphQL, PostgreSQL, Redis, RabbitMQ, Celery, WebSockets, Elasticsearch

Cloud & DevOps: Azure, GCP, AWS, Digital Ocean, Terraform, Docker, Kubernetes, Ansible, Nginx, CI/CD (GitOps, Jenkins)

Languages: Portuguese (native), English (fluent), French (fluent)

EXPERIENCE

Senior Software Engineer (remote) - The SilverLogic

March 2023 – Present

Florida, US-based software development firm delivering custom software for start-ups and enterprises.

- **Lead Engineering Teams and the Company-Wide Frontend Guild**, mentoring a delivery team of **5–8 engineers** and setting technical direction, standards, and shared tooling for **40+ engineers** across all project teams.
- **Designed an Event-Driven Email Pipeline** on Azure: Microsoft Graph subscriptions publishing through Event Grid to a Celery worker pool (RabbitMQ broker) on a closed on-prem network, bridged via an Azure Relay WebSocket connection, ingesting and classifying **10k+ events/day** with retries and dead-letter queues.
- **Built ETL Pipelines** ingesting **~500k rows/day** into a cloud data lake, with automated cleansing and secure delivery of curated datasets to backend and analytics services.
- **Optimized Django and PostgreSQL Performance**, eliminating N+1 ORM queries and adding composite indexes and Redis caching on the highest-traffic endpoints, taking the slowest views from multi-second loads to sub-second responses.
- **Open-Source Contributor and Maintainer:** created and maintain an open-source NPM package suite (React/TypeScript) used across company projects; active contributor to its companion open-source Django backend framework (github.com/silverlogic).

Technologies: TypeScript, React, Python, Django, Celery, RabbitMQ, GraphQL, PostgreSQL, Redis, WebSockets, Azure (Event Grid, Relay), AWS, GCP, Terraform, Docker, Kubernetes, Ansible, Nginx, Distributed Systems, Bash

Full-Stack Software Engineer (remote) - The SilverLogic

July 2021 – March 2023

- **Architected a Modern Micro-Frontend Platform** for a med spa franchise, migrating a legacy codebase to a monorepo with micro frontends, enabling parallel development across multiple teams and supporting the franchise's expansion to **20+ stores** and **30,000+ active users**.
- **Introduced a Monorepo Strategy** for web (React) and native (React Native) apps, streamlining shared logic across platforms and paving the way for TSL's expansion into cross-platform projects.
- **Founded Company-Wide Frontend Knowledge-Sharing Initiatives:** workshops, technical debates, and cross-project shared components that later grew into the frontend guild.

- **Optimized DevOps Infrastructure**, cutting CI/CD pipeline times from **25 minutes** to **4 minutes** by modernizing Docker-based builds, Jenkins pipeline configs and package management.

Technologies: TypeScript, React, React Native, Python, Django, Webpack, Docker, Micro Frontends, Monorepos, NPM & PyPI packages, CI/CD

Software Engineer (remote) - GovPredict

May 2021 – July 2021

GovPredict was a leading SaaS platform that consolidated legislative tracking, stakeholder management, and digital advocacy. The platform operated with teams across the US and Europe, demanded robust and scalable infrastructures to manage large datasets, and was acquired by Quorum in September 2022.

- **Integrated Data Services** involving Ruby on Rails and Elasticsearch, supporting large datasets and requiring advanced caching strategies for improved query performance.
- **Implemented Advanced React Features** to enhance user-facing functionality, ensuring seamless legislative tracking and stakeholder engagement for clients.
- **Collaborated with an International Team**, aligning across multiple time zones to deliver features and resolve technical challenges efficiently.

Technologies: TypeScript, React, Monorepos (backend & frontend), Docker, Ruby on Rails, Elasticsearch

Software Engineer (remote) - SmarttBot

Sep 2020 – May 2021

The company specializes in automated trading bot solutions for the Brazilian stock market, enabling high-volume, algorithmic trading for users and financial institutions.

- **Architected Micro-Frontends** using Docker, NGINX, and Webpack to modernize a legacy application, improving scalability and deployment speed for new features.
- **Developed a Framework-Agnostic Design System** using Web Components, seamlessly integrated across React and Vue projects, ensuring consistent UI/UX at scale.
- **Enhanced User Experience** for the trading bot management platform, serving **2,000+ regular active clients** on the SmarttBot platform, with additional reach via a **15M-user** banking app.
- **Improved Sales Conversions** by leveraging the new design system during high-traffic periods, contributing to **R\$1 million** in sales at the end of 2020.

Technologies: JavaScript, TypeScript, React, Vue, Micro Frontends, Nginx, Docker, Webpack, Web Components, GraphQL, Git

EDUCATION

Trybe <i>Full-Stack Web Development Program</i>	Belo Horizonte, MG 2020 - 2021
École Nationale Supérieure de Chimie de Lille <i>Exchange student, Materials science and Engineering</i>	Lille, France 2018 – 2019
Universidade Federal de Minas Gerais <i>BSc, Metallurgical Engineering</i>	Belo Horizonte, MG 2014 - 2019