JOÃO GABRIEL DA SILVA

Mid-Level Software Engineer

hi@gabsilva.dev | +55 (21) 98290-3934 | linkedin.com/in/joaogsilva | github.com/gabsilvva

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PROFESSIONAL SUMMARY

Full stack developer with **5+ years of experience** delivering high-impact projects, working **end to end** on **scalable and high-performance products**. Strong expertise in **UX/UI**, high-fidelity front-end development, and back-end engineering focused on **best practices, performance, and low maintenance cost**.

I have significantly increased productivity by leveraging **integrated LLMs** (OpenAI GPT-4, Anthropic Claude), focusing on delivering **clean, tested, and efficient code** with direct impact on **operational cost reduction**.

My primary stack includes **TypeScript, React, and Next.js** (SEO when required), with **Node.js** on the back end using frameworks such as NestJS, Express, and Fastify (REST/GraphQL, authentication, caching). I work with databases like **PostgreSQL** and **MongoDB**, and with **automated deployments** using **Docker** and **CI/CD pipelines**, always aiming for infrastructure efficiency.

I am a continuous learner, results-driven, and committed to the sustainable growth of teams and products.

SKILLS

AI: LLMs (GPT-4, Claude), Document Chunking, Semantic Search, Prompt Engineering

Languages & Frameworks: TypeScript, JavaScript, Node.js (NestJS, Express, Fastify), React, Next.js, Prisma, Drizzle. *Currently improving:* tRPC, gRPC, Go (Golang)

Databases & APIs: PostgreSQL, MongoDB, GraphQL, REST APIs. *Currently improving:* Redis, Kafka

Cloud & DevOps: AWS (ECS, S3), Docker, CI/CD (GitHub Actions, Vercel). *Currently improving:* Kubernetes, Observability

Testing: TDD, Jest. *Currently improving:* Test coverage and testing strategies

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PROFESSIONAL EXPERIENCE

L0gik — Junior → Mid-Level Software Engineer
April 2021 – Present

- Led engineering, architecture, and development of applications across multiple industries, with a strong focus on **betting platforms**, including **dynamic creative generation** for **Meta Ads, TikTok Ads, and Google Ads**. Solutions reached approximately **12 million users**, increased product-to-catalog conversion rates by **~25%**, and improved campaign scalability and efficiency.
- Built a **data integration system** to synchronize **client databases** with **CMS platforms** via APIs in near real time, ensuring **~98% data consistency** and reducing publishing errors by **~90%**. Achieved a **~40% lighter infrastructure footprint** and reduced operational costs using **Node.js and Express**.
- Designed and developed a **custom CMS** with role-based permissions and real-time updates using **PocketBase (Go)** and **Next.js** in a **BFF (Backend for Frontend)** architecture. Reduced maintenance time by **~60%** and saved an average of **2–3 hours per week** through automation and architectural simplification.

Ímpar — Intern → Junior Front-end Developer
December 2019 – April 2021

- Started as an **intern** in my first professional role and was promoted to **junior developer in approximately 6 months**, after demonstrating strong delivery capability, technical autonomy, and rapid adaptation to the corporate environment.
- Worked on the development and maintenance of **Microsoft-based solutions**, primarily using **SharePoint**, automations, and internal interfaces, contributing to a **~30% reduction** in internal process execution time, improved **user experience**, and increased efficiency in **content and technology management** across platforms.

LANGUAGES

Portuguese: Native

English: B1

Spanish: A1

EDUCATION

High School: Completed

FullCycle: Large-scale application development program *(In progress)*

Gama Academy: Full Stack Development *(Completed)*

Zion – School of Entertainment: Web Design / Graphic Design *(Completed)*