



Gustavo Fonseca_

Firstly, I love coding, and I feel blessed that I've been able to do it for a living for over 11 years. For the past few years, I've been working as a solo developer, but I've also been part of big teams before, therefore I feel confident that I have both the team play and self-discipline necessary to succeed in any work environment. Feel free to contact me through any of my socials listed below.

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📁 WORK EXPERIENCE_

Software Architect — Fonseca LTDA

Feb 2018 – to date

- Worked with Vue 2 & 3, Node.js, MongoDB, TypeScript, SQL, Docker, TDD (Jest), Cypress and Python
- Built new single-page and mobile applications to support Financial and Supply Chain Management processes
- Worked with mining and plot libraries to bring valuable product and customer insights
- Deployed several applications to the cloud using AWS services
- Built CI/CD pipelines with GitHub Actions and AWS S3 & CloudFront to improve the software development cycle

Software Engineer — CIGAM

May 2013 – Feb 2018

- Worked with SQL, PL-SQL, T-SQL, HTML, CSS, JavaScript and Agile
- Built new Supply Chain Management applications using Agile techniques
- Worked closely with support teams to resolve critical customer issues
- Presented internal lectures on SQL optimization techniques
- Refactored a huge legacy codebase to improve code quality and performance

Software Engineer — SUNSOFT

Mar 2011 – Apr 2013

- Worked with Delphi, PostgreSQL and Firebird
- Collaborated with four teammates to build a brand new ERP

🎓 TRADITIONAL EDUCATION_

System Analysis and Development — UNISINOS

2016 – 2019

- Approved with praise and distinction
- Learned how to optimize the software development process
- Teamed up with four colleagues to develop a process management system for a local school

BSc Computer Science — UNISINOS

2011 – 2013 (uncompleted)

- Introduced to Data Structures & Algorithms and their respective tradeoffs

IT Technician — IEI

2009 – 2011

- Felt in love with software development

🧠 SKILLS_

Proficient

Technologies I've worked with extensively and I'm still working with today.

JavaScript Vue Node.js Express SQL HTML REST
CSS Git

Good

Technologies I'm currently working with, but I don't feel proficient yet.

Docker MongoDB TypeScript AWS (S3, Serverless, EC2)
SCSS Prisma TailwindCSS GitHub Actions

Average

Technologies I've worked with in the past, but ended up losing practice.

Python T-SQL PL/SQL Electron Android SDK
Machine Learning Java Clojure Datomic

🔗 SIDE PROJECTS_

Quantifico

JavaScript Flutter Python 3 MongoDB

Mobile and Web app that provides valuable insights on sales.

Source Code

Olaria

TypeScript MySQL Vue 3

Fish-farming stock management application.

Source Code

Serverless Email Sender

Node.js TypeScript AWS

Serverless and scalable backend designed to securely send emails with a custom template.

Source Code

💻 ONLINE EDUCATION_

Amazon Web Services Developer - Associate — AWS

Machine Learning — Stanford University

AI & Machine Learning — AppliedAI

CS50: Introduction to Computer Science — Harvard University

Essential Math for Machine Learning — Microsoft