



Gustavo Fonseca_

I have a deep passion for coding, and I consider myself fortunate to have pursued it professionally for over 13 years. My background encompasses both independent and team-based projects, providing me with the collaborative spirit and strong self-discipline needed to succeed in any work environment. Please don't hesitate to reach out to me through any of the social media platforms listed below.

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WORK EXPERIENCE_

Senior Software Engineer — FullStack Labs

Jun 2022 – to date

- Worked with Node.js, TypeScript, NestJS, MikroORM, MySQL, AWS, OpenAPI, Java and JSP
- Worked closely with U.S. clients and globally distributed teams
- Contributed to the design and implementation of a new payment microservice with multiple payment gateways integrations
- Enhanced existing microservices related to ticketing and events
- Applied A.I. tools to optimize the software development process

Software Architect — Fonseca LTDA

Feb 2018 – to date

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

Mid-Level Software Engineer — CIGAM

May 2013 – Feb 2018

- Worked with SQL, PL-SQL, T-SQL, HTML, CSS, JavaScript and Agile
- Developed new Supply Chain Management applications using Agile methodologies
- Collaborated closely with support teams to address critical customer issues promptly
- Conducted internal lectures on SQL optimization techniques to enhance team knowledge
- Refactored a large legacy codebase to enhance code quality and performance

Junior 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

- Graduated with honors and distinction

IT Technician — IEI

2009 – 2011

SKILLS_

Proficient

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

JavaScript TypeScript 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 competence.

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

SIDE PROJECTS_

Quantifico

JavaScript Flutter Python 3 MongoDB

Mobile and Web app that provides valuable insights on sales.

Source Code

Olaria

TypeScript MySQL Prisma 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