Gustavo Fonseca_

I'm a software engineer with 14+ years of experience in full-stack development, cloud infrastructure, and microservices — especially with AWS. I enjoy working both independently and with teams, and I try to bring a thoughtful, disciplined approach to every project. I care a lot about writing clean, reliable code and building software that's actually useful.

📱 +55 (51) 997339260   ✉ gustavofonseca94@gmail.com

💼 WORK EXPERIENCE_

Senior Software Engineer — FullStack Labs

Jun 2022 – to date

- Developed microservices using Node, TypeScript, and NestJS, enhancing system scalability
- Collaborated with U.S. clients and globally distributed teams to deliver high-quality solutions
- Designed and implemented a payment microservice with multiple payment gateway integrations
- Enhanced existing microservices for ticketing and events, improving system reliability
- Monitored applications for performance issues and system problems
- Utilized A.I. tools to optimize the software development process

Software Architect — Fonseca LTDA

Feb 2018 – Jun 2022

- Implemented CI/CD pipelines with GitHub Actions and AWS S3 & CloudFront
- Deployed applications to the cloud using AWS services, ensuring scalability and security
- Developed modern web applications using Vue, Node, and MongoDB
- Streamlined Financial and Supply Chain Management processes through innovative solutions
- Extracted valuable insights using data mining and visualization tools

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
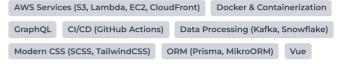
IT Technician — IEI

2009 – 2011

🧠 SKILLS_

Proficient

Core technologies and frameworks I use daily in my work.

`JavaScript/TypeScript` `Node & Express`
`SQL Databases (MySQL, PostgreSQL)` `RESTful APIs` `NestJS` `HTML/CSS`
`Git & Version Control`

Good

Technologies I actively work with and continue to develop expertise in.

`AWS Services (S3, Lambda, EC2, CloudFront)` `Docker & Containerization`
`GraphQL` `CI/CD (GitHub Actions)` `Data Processing (Kafka, Snowflake)`
`Modern CSS (SCSS, TailwindCSS)` `ORM (Prisma, MikroORM)` `Vue`

Familiar

Technologies I've worked with and can quickly adapt to when needed.

`MongoDB` `Python` `Enterprise Database Programming (T-SQL, PL/SQL)`
`Desktop Development (Electron)` `Mobile Development (Android SDK)`
`Data Analysis & Visualization` `Java` `Flutter`

〈〉 SIDE PROJECTS_

Serverless Email Sender

`Node` `TypeScript` `AWS`

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

Source Code

Olaria

`TypeScript` `MySQL` `Prisma` `Vue 3`

Fish-farming stock management application.

Source Code

Quantifico

`JavaScript` `Flutter` `Python 3` `MongoDB`

Mobile and Web app that provides valuable insights on sales.

Source Code

🖥 ONLINE EDUCATION_

Amazon Web Services Developer - Associate — AWS

OWASP Web Security — OWASP

Machine Learning — Stanford University

AI & Machine Learning — AppliedAI