GABRIEL SANTOS

Full Stack Developer

DETAILS

PHONE
(98) 9 7021-9541

EMAIL
coder.gabrielsantos@gmail.com

LINKS

Portfolio

SKILLS

React.js

JavaScript / TypeScript

Node.js

MySQL

MongoDB

LANGUAGES

Portuguese

English

PROFILE

Computer scientist with experience in full-stack freelance projects, including AI-powered solutions, automated data extraction, and secure payment integrations.

Strong foundation in programming, algorithms, and data structures, built since beginning in tech in 2016. Currently a professor at the Instituto Estadual do Maranhão, combining teaching with ongoing freelance development work.

EMPLOYMENT HISTORY

IT Instructor, IEMA

May 2024 — Present

Responsible for teaching core programming concepts, web development, data structures, and computer networks, with a strong focus on practical, hands-on learning. Supports students in the development of academic and extracurricular projects, including robotics initiatives. Works collaboratively with the teaching team to create engaging and accessible learning experiences.

Freelance Full-Stack Developer

Sept 2025 — Sept 2025

Developed a platform to digitize and centralize nurses' medical records. Built a system that extracts information from handwritten physical documents using the OpenAI API and automatically generates digital medical records accessible to all nursing staff. Implemented the full solution using React, Node.js, and MongoDB, ensuring secure data handling and efficient workflow management.

Source code:

- frontend: https://github.com/coder-gabrielsantos/nursia-client
- backend: https://github.com/coder-gabrielsantos/nursia-server

Freelance Full-Stack Developer

Oct 2025 — Nov 2025

Developed SIGECON, a cloud-based platform for managing municipal contracts and service orders, replacing all manual Excel workflows with automated and centralized tools. The system includes a custom microservice that automatically extracts key contract information from uploaded documents and populates the database, giving users immediate access to structured data for faster creation of service orders.

Implemented an advanced Excel order generation engine, capable of producing standardized service orders with automatic item deductions, calculations, and formatting — significantly reducing manual work and errors.

Core features include contract registration, balance tracking, PDF reporting, user authentication, and permission-based access. Built using React, Node.js, and MongoDB.

Source code:

- frontend: https://github.com/coder-gabrielsantos/sigecon-client
- backend: https://github.com/coder-gabrielsantos/sigecon-server
- microservice: https://github.com/coder-gabrielsantos/sigecon-extractor

EDUCATION

Computer Technician, IFMA

Jan 2016 — Dec 2018

Bachelor's in Computer Science, IFMA

Jan 2019 — Dec 2022