

# Gabriel Marques

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## Software Engineer • Brazil

I build backends, frontends and the pieces in between. Today I write Go services that run on-premise next to industrial networks. Before that I spent two years on a SaaS platform used by hundreds of businesses.

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### EXPERIENCE

Jun 2025 – Present

#### Software Engineer

Unvoid • Brazil

- Developed an on-premise Go application (Gin, GORM) distributed as Debian packages with GoReleaser.
- Built asynchronous services for system health monitoring.
- Implemented real-time UI updates through WebSocket communication between backend and frontend.
- Built Angular services and RxJS streams for synchronous and asynchronous data flows.
- Designed SQLite storage with database sharding and write-ahead logging (WAL).
- Worked with OT networks, dissecting industrial application protocols over IPv4.
- Reviewed pull requests to maintain code quality.

Go

Gin

GORM

Angular

RxJS

SQLite

Linux

Debian packaging

OT networks

Dec 2024

## Full Stack Developer

Freelance

- Designed and built Cash Flow, a complete app to manage a client's services and costs, employees and payments, and other expenses.
- Built a dashboard with income, profit and services ranked by income, filterable by day, week, year or a custom date range.

Go

Gin

GORM

React

TypeScript

SQLite

Feb 2023 – Mar 2025

## Full Stack Developer

HubLocal · Fortaleza, Ceará, Brazil

- Built a bulk update system that processes request logs with cron jobs. It saved time for hundreds of clients and avoided congesting the Google Business Profile API.
- Contributed to a Python RPA system that searches Google Maps by keyword and ranks locations, using RabbitMQ task queues. Hundreds of users could analyse their business impact across regions.
- Implemented AI text generation and enhancement with the ChatGPT API, so hundreds of clients could create SEO content from keywords and context.
- Fixed and refactored the SaaS platform's permission system, helping hundreds of customers safely control what their users can do.
- Maintained, fixed and refactored the frontend and backend of the platform for performance and reliability.
- Reviewed code to keep quality high and share knowledge across the team.

Node.js

TypeScript

React

Redux

Styled Components

Material UI

NestJS

TypeORM

PostgreSQL

RabbitMQ

Redis

Docker

AWS

DynamoDB

Python

### EDUCATION

Jan 2018 – Jun 2023

## Bachelor's Degree in Telecommunications Engineering

Federal University of Ceará

### SKILLS

Languages

TypeScript

JavaScript

Go

Python

HTML

CSS

|                |                    |                        |         |            |                |                   |
|----------------|--------------------|------------------------|---------|------------|----------------|-------------------|
| Backend        | Node.js            | NestJS                 | Express | Gin        | FastAPI        | TypeORM           |
|                | Prisma             | GORM                   |         |            |                |                   |
| Frontend       | React              | Next.js                | Redux   | Angular    | RxJS           | Styled Components |
|                | Material UI        | Tailwind CSS           |         |            |                |                   |
| Data           | PostgreSQL         | MySQL                  | SQLite  | MongoDB    | DynamoDB       | Redis             |
|                | RabbitMQ           |                        |         |            |                |                   |
| Infrastructure | AWS                | Lambda                 | Docker  | Kubernetes | GitHub Actions | Linux             |
|                |                    |                        |         |            |                |                   |
| Practices      | Clean Architecture | Hexagonal Architecture | DDD     | TDD        |                |                   |
|                | Jest               | CI/CD                  | Scrum   | Kanban     |                |                   |