

Gabriel Rocha

FULLSTACK SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Fullstack Software Engineer with **4+ years** building scalable web applications, microservices, and AI-powered solutions. Proven expertise architecting production **RAG (Retrieval-Augmented Generation)** systems with **vector databases (Qdrant, pgvector)**, **LLM integration**, embeddings generation, and agentic workflows. Professional-level proficiency in **TypeScript + React/Vue** (component testing with Jest/Vitest), **Node.js/TypeScript backend** (REST APIs, WebSockets), and **PostgreSQL/DynamoDB** (schema design, performance optimization). Deployed **AWS cloud infrastructure** (Lambda, ECS, S3, CloudWatch, SQS) with **Docker containers** and **CI/CD pipelines** (GitHub Actions, Serverless Framework, Terraform). Core maintainer of enterprise platforms, **reduced AWS costs** through architecture refactoring with queues and caching, and built RPA automation tools enabling no-code workflow creation.

TECHNICAL SKILLS

- **AI & Data:** RAG (Retrieval-Augmented Generation), Vector databases (QDrant, pgvector), Embeddings, Langchain, Agentic workflows
- **Languages & Frameworks:** TypeScript, JavaScript, React, Vue, Next.js, Node.js (Express.js, Nest.js), Prisma, Knex, Go, Python, SQL
- **Data:** DynamoDB, MongoDB, Redis, Postgres, MySQL, QDrant, REST APIs, WebSockets
- **Cloud & Orchestration:** Azure (VMs), AWS (Lambda, ECS, S3, CloudWatch, RDS, SQS, SNS), Docker, CI/CD (Github actions, Serverless framework, Terraform)
- **Testing & Practices:** Jest, Vitest, Mocha, Microservices, Event-Driven Architecture, Serverless, On-premise

PROFESSIONAL EXPERIENCE

Simplifica Mais

May 2025 - Present

Mid level fullstack developer

Simplifica Mais is an app/platform that was created inside Adapcon portfolio, it growth and became a company, so I was moved to work full-time on this new company.

- Core maintainer of company web projects by actively taking charges on architecture and technologies decisions.
- Reduced AWS costs by refactoring the architecture of the Meta integration related microservice by using queues and caching, and made the code more robust and easy to maintain.
- Implemented integrations with financial solutions that are used on core modules of “Simplifica Mais”, the main project of the Adapcon company.

Adapcon

Aug 2023 - May 2025

Mid level fullstack developer

- Core maintainer of company web projects by actively taking charges on architecture and technologies decisions.
- Reduced AWS costs by refactoring the architecture of the Meta integration related microservice by using queues and caching, and made the code more robust and easy to maintain.
- Implemented integrations with financial solutions that are used on core modules of “Simplifica Mais”, the main project of the Adapcon company.

Adapcon

Jan 2023 - Jul 2023

Junior fullstack developer

- Responsible for fixes and new features on “Simplifica Mais”, developing and maintaining all the modules. Made possible to companies to check/list invoices through a chatbot, via Whatsapp.
- Responsible for a refactoring done on a chatbot module.

Adapcon

Apr 2022 - Dec 2022

Intern developer

- Responsible for, mostly, frontend related developing on an e-commerce like application used for B2B clothes selling.
- Responsible for maintaining internal component library.

PROJECTS

Adapscrap

Nov 2024 - Present

Technologies: AWS (DynamoDB, Lambda, SQS), React, NodeJS, Puppeteer, Postgres

- Core maintainer and idealizer of the project that helps companies to build RPA flows without needing to touch actual code, by building an interface that can be used to connect steps and actions that are executed on the server by puppeteer.
- Responsible for the architecture, project description and tasks definitions.

API Wizard

Apr 2024 - Aug 2024

Technologies: AWS (DynamoDB, Lambda), NodeJS, Postgres, MySQL

- Core maintainer of the project that helps to build crud api for any relational database, with user roles and read/write permissions.
- Responsible for the integration with Postgres, MySQL and MS SQLServer databases.

Simplifica Mais

Apr 2022 - Present

Technologies: AWS, Azure, Vue 2, NodeJS

- Maintainer of the project used for B2B relations, for costumer service by delivering dynamic devolutions flows, invoices and bankbill listing.
- Core maintainer of the chatbot module that make it possible for companies to check some modules via Whatsapp by listing bankbill and invoices, and talk to costumer service through a real time chat (Whatsapp to internal web page).

Allp

Jan 2022 - Dec 2022

Technologies: Firebase, Vue 3, NodeJS

- Responsible for developing the “admin” web page for the project used to place reservations (restaurants and sports gyms, for example).
- Responsible for the mobile tests along the team.

EDUCATION

Software Engineering — Universidade Católica de Santa Catarina

Jaraguá do Sul, SC - Brazil | Feb 2023 - Dec 2026

High school with integrated technical course in Systems Development — SESI - SENAI

Jaraguá do Sul, SC - Brazil | Feb 2021 - Dec 2022