Gabriel de Rezende Gonçalves

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Professional Experience

Software Engineer at Ievva
July 2025 – Present

- Involved in the development and architecture of scalable backend solutions for the insurance sector, with a focus on agricultural insurance for crop and machinery protection. Responsible for building and maintaining critical Laravel systems, integrating external platforms, and contributing to strategic technical decisions.
- Designed and implemented high-performance RESTful APIs using PHP (Laravel) and MySQL, prioritizing reliability, scalability, and long-term maintainability.
- Developed essential features for insurance brokers, including automated policy management, claims processing, and complex approval workflows.
- Built strategic integrations with external systems in the agribusiness ecosystem, ensuring interoperability and efficient data synchronization.
- Maintained and evolved internal modules with a focus on code standardization, versioning, and architectural best practices.
- Collaborated closely with product teams and business stakeholders, applying agile methodologies to deliver solutions that directly impact company operations.

Junior Software Engineer at Encora Inc.
January 2023 – April 2025

- Full-stack development and maintenance with a focus on scalability, performance, and code quality in projects built under microservices architecture and agile methodologies (Scrum).
- Development and integration of RESTful APIs using Python (FastAPI), with SQLAlchemy, PostgreSQL, and Alembic for database versioning.
- Building and consuming independent services in a distributed ecosystem, emphasizing modularity, integration, and security.
- Environment management with Docker and Docker Compose, implementing automated CI/CD pipelines.

- Frontend development with Vue.js (Composition API) and JavaScript, using TypeScript in specific components.
- Maintenance and refactoring of legacy systems in PHP (Laravel), integrating with modern services and driving continuous improvements.
- Writing and maintaining automated tests with Pytest (backend) and Playwright (frontend), ensuring coverage and reliability across multiple environments.
- Implementation of performant and customized search features using Algolia.
- Active participation in agile squads, contributing to technical reviews, standards definition, and architectural decisions.
- Use of tools like Jira, Trello, and GitHub for task management, version control, and collaboration in iterative delivery cycles.

Software Development Intern at Encora Inc.
February 2021 – January 2023

- Contributed to internal solutions focusing on modern architecture, scalable APIs, and web applications using widely adopted enterprise technologies.
- Developed RESTful APIs with Node.js and Python (FastAPI), integrating with PostgreSQL and MySQL databases.
- Implemented authentication and business logic using Firebase (Auth, Realtime Database, Firestore).
- Created web applications with Vue.js and React, focusing on componentization and API integration.
- Used Swagger for service documentation and supported integration between teams.
- Collaborated in repository organization, code standardization, and technical requirement validation across various internal projects.

Software Development Intern at OpaBox
June 2019 – February 2021

- Responsible for developing white-label solutions for B2C e-commerce platforms, delivering custom websites and apps for clients from various industries.
- Built web applications using Vue.js and mobile apps using Flutter, reusing components across different instances.
- Developed APIs in a microservices architecture using Node.js and AWS services like Lambda, API Gateway, SQS, CloudWatch, and DynamoDB.
- Customized logic and layouts to meet client-specific requirements.
- Integrated external services and enforced code standardization in a multidisciplinary team.

- Strong collaboration with technical and product teams in delivering scalable solutions under high demand.

Software Development Intern at SuperOpa
June 2019 – February 2021

- Contributed to the development of a multisector marketplace connecting distributors and retailers (supermarkets, pharmacies, pet shops) to end consumers.
- Developed web solutions with Vue.js and mobile apps with Flutter, integrated with Node.js-based microservices.
- Built and consumed APIs using AWS Lambda, API Gateway, CloudWatch, SQS, and DynamoDB.
- Documented APIs with Swagger and supported both frontend and backend teams.
- Collaborated with product, design, and business teams to deliver features aligned with business needs.
- Worked in a fast-paced startup environment with rapid delivery cycles, continuous feedback, and customer-oriented solutions.

Education

FIAP
Postgraduate Lato Sensu – MBA in Solutions Architecture | *April 2025 – April 2026 (in progress)*

Postgraduate program focused on designing and implementing scalable solutions, covering cloud computing, microservices, system integration, security, data, and technical leadership.

Pontifícia Universidade Católica de Campinas
Bachelor's Degree in Software Engineering | *2019 – 2023*

Comprehensive education in software development, data structures, requirements engineering, code quality, agile methodologies, and DevOps practices.

Escola Técnica Estadual "Bento Quirino"
Integrated Technical Program in Computer Science | *January 2016 – December 2018*

Practical training in programming logic, web development, computer networks, databases, and operating systems.

Language

English - Advanced
Spanish - Technical / Basic
Portuguese - Native

Additional information

Exchange Program – Canadian College of English Language (CCEL)
July 2022 – Vancouver, Canada
Intensive English course focused on technical language and professional oral communication in international environments.

Technical skills

Technologies and Frameworks

Vue 3 (Composition API), JavaScript (ES6+), TypeScript, Python (FastAPI), Node.js, Express.js, React, Flutter

Architecture and APIs

RESTful APIs, Microservices Architecture, Serverless (AWS Lambda, API Gateway), Firebase, Form.io, Okta, Algolia

Cloud and DevOps

Docker, Docker Compose, AWS (Lambda, SQS, API Gateway, CloudWatch, S3), Firebase Hosting, CI/CD (GitHub Actions)

Databases and ORMs

PostgreSQL, MySQL, MongoDB, Firebase Realtime Database, Firestore, Amazon DynamoDB, SQLAlchemy, Alembic

Testing and Quality

Pytest (unit/integration), Playwright (E2E), Swagger/OpenAPI, Postman, Mailtrap

Tools and Methodologies

Git, GitHub, Jira, Trello, Figma, Agile (Scrum/Kanban), Code Review, Technical Documentation