

GABRIEL OLIVEIRA CAMILO

Senior Software Engineer

Ponta Grossa - PR - Brazil

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Senior Software Engineer with over 5 years of experience, focused on Backend development, with solid experience in Frontend and DevOps as well. Experienced in building high-performance systems, event-driven architectures, and cloud infrastructure.

Education

Federal Technological University of Paraná (UTFPR)

Bachelor's in Computer Science – 12/2023

- Final project: comparison of different protocols (HTTP, AMQP, MQTT, Redis) using load testing monitored through Prometheus and Grafana.

Experience

Blue Coding LLC - Senior Full Stack Engineer

Remote – USA – 06/2023 - 05/2025

- I worked as a solo developer maintaining and building new features for an app that creates short videos from long videos using AI
- I reduced the video rendering time by refactoring AWS Lambda functions
- I improved the subscription management system by refactoring the Stripe integration, allowing me to create a feature to share subscriptions among users on the same team
- I built a new API using NestJS, enabling better integration with AWS services (S3, Lambda, SQS), Stripe, OpenAI, and New Relic
- I built a new app using React, Remotion, Konva.js, and OpenAI, featuring a new video editor that enables real-time editing of videos, audio, subtitles and templates
- The new app allowed the client to sell his product to a digital media company

Grupo GCB - Senior Backend Engineer

Remote – Brazil – 11/2022 - 02/2023

- I implemented a service to manage PDF file storage and reading
- I integrated New Relic to monitor the API with multiple metrics
- I made fixes to ensure proper use of Node.js async/await APIs

Bit Capital - Senior Backend Engineer

Remote – Brazil – 05/2022 - 11/2022

- I worked as a reference for the team, supporting developers and coordinators with architecture and product decisions
- I designed and implemented a new integration with the Brazilian Central Bank's PIX system, reducing the internal execution time from around 6 seconds to 2 seconds
- I created internal NestJS libraries to be used by services from the PIX ecosystem
- I created and executed the plan to replace legacy systems, reducing development and deployment time

- I planned and executed the technical strategy for Black Friday 2021 and 2022, supporting a significant increase in transactions per minute driven by client promotions using the PIX system

Bit Capital - Middle Backend Engineer

Remote – Brazil – 05/2021 - 05/2022

- I helped the infrastructure team with Kubernetes cluster capacity planning, improving service resource allocation and reducing cloud costs
- I refactored the database queries and table modeling, reducing data query times and cloud costs
- I integrated Datadog and configured alerts and dashboards to improve platform health monitoring, enabling real-time error detection
- I reduced incidents by over 90% by implementing fallbacks, retries, and other improvements in PIX message processing queues
- I implemented PIX regulations as defined by the Brazilian Central Bank

HACK A BOSS - Middle Fullstack Engineer

Remote – Spain – 11/2020 - 04/2021

- I developed both the frontend and backend of an MVP for a recruitment and hiring project using Next.js, NestJS, GraphQL, and Postgres
- I integrated WordPress with the CMS alongside GTM tags to track customer leads

BSoft - Delphi Developer Jr.

Ponta Grossa – Brazil – 02/2020 - 11/2020

- I reduced the time to render invoices by optimizing the PDF module from DevExpress
- I implemented automatic tax calculation by reading invoices in XML
- I refactored the truck fleet tire management module

BSoft - Delphi Intern

Ponta Grossa – Brazil – 10/2019 - 01/2020

- I developed several dynamic reports using database queries

Vecomp - Full Stack Intern

Ponta Grossa – Brazil – 11/2018 - 04/2019

- I developed an ERP system for restaurants with invoice issuance connected with the Brazilian Internal Revenue Service
- I developed a management system for language schools

Skills & Interests

Programming language: TypeScript, JavaScript, Node.js, Python, Go, C#, PHP

Frameworks and Libraries: NestJS, Express, React, Vue, Angular, Flask, Gin, Laravel

DevOps e Infrastructure: Docker, Kubernetes, AWS (EC2, S3, RDS, SQS, Lambdas), Grafana, Prometheus, Datadog, New Relic, CI/CD, Nginx

Tools: PostgreSQL, Redis, MongoDB, RabbitMQ, MySQL, FFmpeg (multimedia framework), Git, Stripe, Unity

Languages: English (Advanced), Spanish (Beginner), Portuguese (Native)