

Gabriel Matos Marques Silva

Software Engineer | Full Stack Developer | DevOps Architect

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EDUCATION

Paulista College of IT and Administration (FIAP)

Graduate Degree in Software Architecture

Expected graduation Date: June 2025

Distance Learning

Aug/2024 - Present

São Paulo State College of Technology (FATEC)

Associate of Applied Science Degree in Software Development and Analysis

Thesis "Sign Language Detection": web application to help hearing-impaired children learn to read and write, using artificial intelligence to recognize LIBRAS (Brazilian Sign Language) gestures.

São Paulo, Brazil

Aug/2017 - Jun/2021

PROFESSIONAL EXPERIENCE

DevOps Manager

EMBRAER

Remote

Mar/2025 - Present

- Coordinated a third-party software quality team, ensuring compliance with international standards and increasing quality audit approval rates by 30%.
- Managed licenses for critical tools such as SonarQube, Nexus, and the Atlassian suite (Jira, Confluence, Bitbucket), ensuring legal compliance and cost efficiency.
- Optimized CI/CD pipelines, reducing average deployment time by 35% and ensuring faster and more reliable deliveries across development teams.
- Lead continuous improvement initiatives in software development processes, implementing practices that boosted productivity and reduced rework.

Software Developer

AGROTOOLS

Remote

Jan/2023 - Jan/2025

- Developed functionalities in the front-end layer in applications aimed at agribusiness, using technologies such as Vuejs, Javascript, JQuery, and Axios.
- Designed and implemented scalable APIs and background workers for managing first- and third-party proprietary licenses using .net 6, PostgreSQL, and Azure cloud technologies that serve daily license requests.
- I excel in extracting insights and knowledge from datasets. Using Python and pandas library to create data frames and Postgres to store all analyzed data. Contributed to increasing the efficiency of the data analysis process, resulting in a 30% reduction in data analysis time.

Software Developer

SONDA IT - EMBRAER

Remote

Set/2019 - Dec/2022

- Increased user engagement by 40% in aviation applications with advanced front-end development (Javascript, React, Angular), improving UX and performance.
- Processed millions of daily license requests through scalable APIs and workers (Java, PostgreSQL, Oracle, RabbitMQ).
- Improved decision-making with data insights and visualizations (Excel) from database analysis.
- Ensured high availability of critical applications through JBOSS server maintenance and stabilization.
- Boosted application performance by 25% and maintained 99.9% data integrity with Java/JavaScript optimizations and SQL/security management.
- Facilitated access to critical procurement and inventory data in SAP MM, optimizing material management with specific queries.

TECHNOLOGIES & SKILLS

- Technologies:** React, Vue, Tailwind, Nodejs, Typescript, Python, C# .NET, SQL, MongoDB, Docker, Kubernetes, Azure, AWS EKS, AWS EC2, Git, Clean Code.
- Languages:** Native Portuguese, Advanced English and Basic Spanish