

Gabriel Matos Marques Silva

Software Engineer | Full Stack Developer

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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

São Paulo, Brazil
Aug/2017 - Jun/2021

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.

PROFESSIONAL EXPERIENCE

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
Embraer - Sonda IT

Remote
Set/2019 - Dec/2022

- Engineered advanced front-end functionalities for aviation applications using Javascript, React, and Angular; improved user experience and performance, leading to a 40% increase in user engagement and satisfaction.
- Designed and implemented scalable APIs and background workers for managing first- and third-party proprietary licenses using Java, PostgreSQL, Oracle, RabbitMQ, and Heroku cloud technologies that serve millions of license requests daily.
- Excel retrieves and presents structured data from a database, providing valuable insights, summaries, and visualizations for decision-making and analysis.
- Infrastructure maintenance in the context of JBOSS typically entails managing and ensuring the stability and reliability of the JBOSS application server.
- Enhanced software applications using Java and JavaScript, resulting in a 25% increase in performance; ensured robust security protocols and handled SQL database queries to maintain 99.9% data integrity.
- Creating and executing specific database queries and transactions within the SAP (Systems, Applications, and Products) Material Management module. My expertise lies in retrieving information related to the procurement and inventory management of materials in an organization.

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