

VINÍCIUS GAJO M. OLIVEIRA

Mechatronics Engineer | Software & Infrastructure Engineer

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📍 Minas Gerais, BR

🔗 64JO

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"Mechatronics Engineer with great passion for technology. Full-stack Web Developer with DevOps and Infrastructure skills focused in Microsoft Azure."

EXPERIENCE

Software Engineer II - MLOps product

Datarisk

📅 Jul 2023 – Ongoing

📍 Home-Office

Back to software development, although still taking care of DevOps and other minor infra/security topics. Now working in the development of a MLOps platform/product.

Azure Git and GitHub F# (.NET) CI/CD: GitHub Actions
Linux Kubernetes Docker DevOps

Software Engineer II - DevSecOps leader

Datarisk

📅 Mar 2022 – Jul 2023

📍 Home-Office

Leading a small team focused on development operations and infrastructure, applying DevSecOps and SRE principles.

Azure Terraform Git F# (.NET) Linux Kubernetes
Docker DevOps

Software Engineer I

Datarisk

📅 Jul 2021 – Mar 2022

📍 Home-Office

Full-stack Web Developer working in a consultancy project for a big brazilian company dealing with F#, PostgreSQL and Docker in order to serve machine learning (ML) models.

Full-stack web development F# (.NET) React.js Fable & Feliz
SQL Docker SQL PostgreSQL

Full-stack Web Developer

JMV Technology

📅 Feb 2021 – Jul 2021

📍 Divinópolis-MG

Working in a team building a new multimedia platform from scratch using Vue.js, Node.js with Express and TypeScript. I was also doing some research about ffmpeg tool.

TypeScript SASS/SCSS Full-stack Vue.js Back-end
Node.js

Front-end Web Developer

JMV Technology

📅 Nov 2020 – Feb 2021

📍 Divinópolis-MG

SKILLS

Microsoft Azure Terraform Docker
Kubernetes GitHub F# (.NET) Linux
PostgreSQL Shell Functional programming

HTML5 CSS3 JavaScript TypeScript
Git Gitlab Full-stack web dev React.js
Node.js SQL

Emacs DevOps/DevSecOps SRE
Cloud computing Python

EDUCATION

Postgraduate degree in Software Engineering and Architecture

FIA

📅 2023 - 2025

Bachelor degree in Mechatronics Engineering

CEFET-MG

📅 2015 - 2021

CERTIFICATES

🌟 **Microsoft AZ-900**
Foundational knowledge of cloud services and how those services are provided with Microsoft Azure.

🌟 **Microsoft DP-900**
Knowledge of code data concepts and related Microsoft Azure data services.

🌟 **Microsoft AI-900**
Foundational knowledge of machine learning (ML) and artificial intelligence (AI) concepts and related Microsoft Azure services.

🌟 **Microsoft SC-900**
Fundamental knowledge in security compliance and identity in Azure and Microsoft 365.

Working in a multimedia streaming company. Initially I was involved only in Front-end JavaScript projects, giving maintenance to systems created with Angular JS and React (class components).

JavaScript Front-end React.js Angular JS

NOC Analyst

Master Internet

May 2020 – Nov 2020 Divinópolis-MG

- Monitoring of network infrastructure assets to guarantee the SLA.
- Analysis of the company's backbone, ensuring the operability of gateways, switches and routers.
- Wireless, FTTH and FC equipment analysis.
- Service and support for B2B customers.

Computer Networks Support

Mechanical Engineering Intern and Jr. Web Developer

Full Engenharia

Oct 2019 – Oct 2020 Divinópolis-MG

During this time I worked initially with mechanical design, creating 3D models using Autodesk Inventor, running structural static simulations with Ansys Workbench and creating 2D draws using AutoCAD.

Later I started working in the development of a platform to manage company's projects, consisting of a Rest API on the back-end developed with JavaScript (Node.js and Express), and using MongoDB as the main database. In the front-end I decided to use React.js.

AutoCAD Autodesk Inventor Ansys Workbench HTML 5 CSS 3 JavaScript React.js Node.js

PROJECTS

Student monitor

CEFET-MG

Mar 2019 - Oct 2019 Divinópolis-MG

In order to help students to understand some topics there are some monitor students. I was the monitor for two disciplines: Hydraulics & Pneumatics (theory and lab), and Metrology (theory and lab).

Hydraulic systems Pneumatic systems Metrology

Quebramato BAJA


CEFET-MG


2016 - 2018 Divinópolis-MG


BAJA is a competition regulated by SAE (Society of Automotive Engineers) where teams compete by creating a single-seater off-road vehicle. In CEFET-MG, Campus V, we have the Quebramato BAJA team. There I worked in the following tasks/sub-systems:


- Design of braking systems.
- Electronics system.

Braking systems Electronics Auto Engineering

 Coursera
Machine Learning Specialization

 JavaScript (Intermediate)
HackerRank

 SQL (Intermediate)
HackerRank

 Bootcamp GoStack 11
Rocketseat

 Bootcamp de Formação SRE
ElvenWorks

LANGUAGES

Portuguese
English

