Gabriel Eduardo de Lima Machado

Software Developer

glmachado.com | +55 32 98493-5474 | gabriel.delmachado@gmail.com
GDX64 | Porto Alegre, RS, BR | gabriel-e-l-machado

Education

Electro-Mechanical Technician — ETPC - Volta Redonda, RJ. 2011-2013

Electronic Engineering Bachelor — UFJF - Juiz de fora, MG. 2014-2019

- The course had more emphasis in Signal Processing and embedded software development, where I used Matlab, Python, and C with FreeRTOS.

Electronic Engineering Interchange — UBA - Buenos Aires, AR. 2019

Experiences

Nelogica - Software Developer I — (Remote) 2020-2021

- Nelogica is the biggest trading software company in Brazil, and has several trading platforms. During my first years in the company I worked as a web developer in the homebrokers, profit web and vector web applications.

Nelogica - Software Developer II — (Remote) 2021-2022

- In 2021 I started to work focusing on performance improvements and I integrated typescript and build improvements in to the web projects.

Nelogica - Software Developer III — (Remote) 2022-2023

- In 2022 I led the technical direction and implementation of the product into the MacOS using electron, bringing the company to the MacOS users.

Nelogica - Software Developer IV — Porto Alegre - RS, BR. 2023-(Now)

- In 2023 I was invited to work in the company's headquarters in Porto Alegre to be closer to the mobile team, and again led technically the development of native mobile apps using the core web code. Now we target web, Android, iOS and MacOS with the same main codebase and some native adjusts.

Relevant Projects

Bachelor Thesis — 2019

- In my thesis I implemented adaptive filtering algorithms from papers with Matlab to analyze harmonics from the electrical energy network. In this work I had the opportunity to work with some advanced Linear Algebra to implement the computations. You can download it here.

Personal Website

- I use my website mainly to upload demos experimenting with custom 2D renderers for signal based frameworks like solid and vue.