

Matheus Daniel Cristal Comparotto Gomes

Full Stack Developer

+3 years of relevant experience as a Full Stack Dev

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EXPERIENCE

Institute of Intercultural Diversity Research — Volunteer Full Stack Developer

JULY 2023 - OCTOBER 2023

Continuation of the TCC (Final Course Work) titled "Kalivôno: promoting access to the Terena language through a progressive app" from the Integrated Technical Course in Informatics. In 2020, a React application was presented to address the demand. However, there is no internet access in indigenous villages. Therefore, the electronic dictionary was recreated in React Native and includes the feature to download Terena-Portuguese terms and their respective pronunciations for offline study.

Click [here](#) to learn more

Fire Department — Freelance Full Stack Developer

MAY 2021 - MARCH 2022

Development of an inspection and registration application for the firefighting vehicles of the Aquidauana Fire Department in Mato Grosso do Sul, Brazil. It is worth noting that the organization of the fire vehicle reports provided by the application resulted in a positive adjustment for the department.

Click [here](#) to learn more

Da Roça — Freelance Full Stack Developer

AUGUST 2020 - MAY 2021

Development of a shopping application for an agroecological urban farm in the municipality of Aquidauana, Mato Grosso do Sul.

Federal Institute of Mato Grosso do Sul, Aquidauana — IT Intern

SEPTEMBER 2019 - DECEMBER 2019

Formatting computers, operating system installation, and application development.

SKILLS

CI/CD +1 year
Cypress +2 years
Express +4 years
Figma +4 years
Firebase Auth +2 years
Firebase Hosting +4 years
Firebase Messaging +1 year
Firebase Storage +1 year
Git +5 years
Jasmine +1 year
JavaScript +5 years
Jest +2 years
MongoDB +4 years
MySQL +4 years
Node +4 years
PostgreSQL +5 years
Prisma +1 year
React +4 years
React Query +1 year
Redis +1 year
SQLite +1 year
Expo React Native +4 years
TypeORM +1 year
TypeScript +2 years

LANGUAGES

English Conversation

Brazilian Portuguese Fluent

EDUCATION

Federal Institute of Mato Grosso do Sul, Aquidauana — Bachelor's Degree in Internet Systems Technology

AUGUST 2021 - JULY 2024

Federal Institute of Mato Grosso do Sul, Aquidauana — Integrated Technical Course in Informatics

FEBRUARY 2017 - JUNE 2020

Educational Institute Falcão, Aquidauana — Elementary Education

2009 - 2016

PROJECTS

Ai, que fome!

AUGUST 2023 - OCTOBER 2023

Platform for managing school meals developed for IFMS in Aquidauana, MS, during the 5th semester of the Bachelor's Degree in Internet Systems Technology as a requirement to obtain a partial grade for the Programming Language IV course. Note: “Ai, que fome!” means “Oh, I'm so hungry!”, from Brazilian Portuguese.

Click [here](#) to learn more

Kalivôno: offline mode — New features

JULY 2023 - OCTOBER 2023

After the creation of the Terena language electronic dictionary using the React library, an additional version of the application was developed for mobile devices. In this new version, React Native was employed, allowing it to function without the need for an internet connection.

Click [here](#) to learn more

Development of an application for monitoring Federal Institute of Mato Grosso do Sul alumni — Institutional Program for Undergraduate Research Scholarships

AUGUST 2021 - AUGUST 2022

A business social network for graduates from all Federal Institute of Mato Grosso do Sul campuses. Its main objective is to collect course evaluations, provide job opportunities, and encourage graduates to continue their education within the institution by pursuing additional courses or participating in selection processes that would allow them to join the institution as employees.

Kalivôno: promoting access to the Terena language through a progressive app — Institutional Program for Scientific Initiation Scholarships

AUGUST 2019 - AUGUST 2020

Electronic dictionary of the Terena language, an endangered indigenous language. The goal of this project was to provide an easy and modern means for its dissemination. The project was presented at FECIAQ (Science and Technology Fair of Aquidauana) and subsequently validated as the Final Course Work for the Integrated Technical Course in Informatics. Note: “Kalivôno” means “Child” in Terena language and it is an unknown word for most brazilians.

Click [here](#) to learn more

IFMS Aqui Comunica: Scrum

APRIL 2018 - NOVEMBER 2018

Platform for events related to Federal Institute of Mato Grosso do Sul Aquidauana developed by a team of four students from the Integrated Technical Course in Informatics using the Scrum methodology. The educational project was accredited for both FECIAQ (Science and Technology Fair of Aquidauana) and FETECMS (Fair of Technologies, Engineering, and Sciences of Mato Grosso do Sul), considered the largest science fair in the Central-West region.