

MARCELO GANEM

Software Engineer

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in Marcelo Ganem [↗](#)

ABOUT ME

Software Engineering Intern at Cobli; Research Assistant at DCC/UFGM; CIS undergraduate student at UFGM.

Passionate about being a part of relevant solutions.

I'm a Full-stack Software Engineer with a little over two years of experience acquired in internships, research projects and part-time jobs. Through this time, I've had the opportunity to work with several different languages, frameworks and technological tools. If one of them is listed here, it means I've had at least a few experiences with solving reasonably complex real-world problems with it.

EXPERIENCE

- 2/2022 – Ongoing **Software Engineer** Cobli
Internship
Design and development of software solutions in a large microservice ecosystem. Work done contemplates active participation in team discussions such as design proposals, SCRUM ceremonies and technical issues, conceptual software architecture and engineering, applying of principles of Domain-driven Design and Event-driven Architecture and, finally, development of software using TypeScript, React, Kotlin, Springboot and GraphQL.
React / TypeScript / Spring Boot / Kotlin
- 4/2020 – Ongoing **Machine Learning / Data Science Research Assistant** DCC/UFGM
Part time
Participation in two different research projects from the Computer Science Department at Universidade Federal de Minas Gerais: one in Social Network data gathering, processing and analysis related to the development of the COVID-19 pandemic; the other in Natural Language Processing, helping the state of Minas Gerais' government institutions classify and organize large amounts of unstructured data.
Python / Pandas / Machine Learning / Data Science
- 3/2021 – 2/2022 **Full-stack Developer** ReVirtua
Part time
React, PHP and Wordpress web development as a service for medium to large sized companies. Automated chart building and integration with Google Workspace and Google Apps Script (GAS) for control of internal data. Work done contemplates API building and consuming, GAS, TypeScript, JavaScript and PHP software development and the building of two chatbot services with TypeScript, Express and IBM Watson
React / TypeScript / Node.js / Express
- 6/2020 – 9/2021 **Frontend Developer** iJunior
Part time
Junior enterprise collaborative work as a Web Developer, providing web solutions for small to medium sized companies. Work done contemplates full-stack software development with JavaScript and Python, using the React, Express and Flask frameworks.
React / JavaScript / Node.js / Express / Flask / Python

PUBLICATIONS

- 2022 - Article **COVID-19 on Twitter: correlating vocabulary with the agravation and attenuation of the pandemic in Brazil** [↗](#)
Proceedings of the 11th Brazilian Workshop on Social Network Analysis and Mining
- 2022 - Paper **Correlations between Web Searches and COVID-19 Epidemiological Indicators in Brazil** [↗](#)
Brazilian Archives of Biology and Technology

EDUCATION

2020 – Ongoing

CIS Bachelor's Degree

Universidade Federal de Minas Gerais

Computer Information Systems undergraduate, $\frac{2}{3}$ through the program.

TECHNOLOGIES

React	2 years of experience
Node.js	2 years of experience
Python	2 years of experience
JavaScript	2 years of experience
TypeScript	$1\frac{1}{2}$ years of experience

KNOWLEDGE

Agile Methodologies
Code Documentation
Knowledge Exchange
Domain-Driven Development
Event-Driven Architecture

LANGUAGES

English - Proficient
TOEFL 114/120
Portuguese - Native