

Nicholas Gomez Zilli Castro

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OBJECTIVE: Software Engineer

ACADEMIC EDUCATION

- ❖ Bachelor's Degree in Computer Science – IFSP/SJBV: 2019 – 2022
- ❖ Post Graduation: Database Systems Engineering and Administration
 - Unicamp: 11/2023 - 11/2025

LANGUAGES

- ❖ English Advanced – Cambridge English Level 1 Certificate
- ❖ Spanish – Basic

QUALIFICATIONS AND KNOWLEDGES

- ❖ Ruby/Ruby On Rails
- ❖ Relational Database: MySQL and PostgreSQL
- ❖ JavaScript/TypeScript – NodeJS/NestJS
- ❖ ReactJS/NextJS
- ❖ Python: Flask and Django
- ❖ Java/Spring Boot
- ❖ Agile Methodologies: Scrum and Kanban
- ❖ Google Cloud Platform – Pub/Sub and Storage
- ❖ Pipelines CI/CD – Code Version (SVN and Git/GitHub)
- ❖ Docker/Swagger

PROFESSIONAL EXPERIENCE

- ❖ Software Engineer | Energy Source | 12/2022 - Now
 - Reverse logistic System for traceability and delivery of residues
 - Languages and Frameworks: Ruby - Ruby On Rails - PostgreSQL - Docker
- ❖ Digital Solutions Intern | Energy Source | 07/2022 - 12/2022
 - Reverse logistic System for traceability and delivery of residues
 - Languages and Frameworks: TypeScript - JavaScript - NodeJS - NestJS - ReactJS - NextJS - PostgreSQL
- ❖ Technical Support Assistant | Grings Alimentos Saudáveis | 12/2021 - 06/2022
 - ERP system for stock and sales control
 - Languages and Frameworks: Python - Flask - PostgreSQL - Bash Script

ACADEMIC RESEARCH

- ❖ Scientific Initiation Project IFSP: 03/2020 - 11/2020
 - Project Title: Cognitive Linguistics and Technology as mechanisms to develop and communicate scientific process ([Link](#))
 - Programming Languages used: Python
- ❖ Scientific Initiation Project IFSP: 03/2021 - 11/2021
 - Project Title: Technology for scientific communication: frame automatic annotation for semantic analysis of abstracts ([Link](#))
 - Programming Languages used: Python

- ❖ Author of a Scientific Book
 - Book: Cognitive Linguistics and Scientific Communication: theoric, pedagogy and technological questions ([Link](#))
 - Chapter: The semantic parsers Semafor and OpenSesame to frame automatic annotations of scientific texts at Basic Text Pipeline
- ❖ Author of a Scientific Book
 - Book: aCOMTECe at Post Graduation (Pocket Books Collection - aCOMTECe Teaching Levels: from Early Childhood Education to Graduate Studies, V. 5) ([Link](#))
 - Chapter: How to make a International Scientific Research on Brazil

PROJECTS

- ❖ Integrative Project IFSP: OMNIMED
 - Telemedicine System (Project [Link](#))
 - Languages and Frameworks: PHP, CodeIgniter, PHPMyAdmin, TestLink, TortoiseSVN
- ❖ Basic Text Pipeline
 - Extension Project IFSP: 03/2020 - 11/2020
 - A project related to the computational linguistics area, in partnership with the Red Hen Lab and the infrastructure of the Case Western University (Project [Link](#))