Leonardo Cech

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Jaraguá do Sul, Brazil

SOFTWARE ARCHITECT

Versatile Software Engineer with a proven track record in Software Architecture as a Freelancer and Full Stack Development at a multinational corporation. Proficient in Java with Spring Boot, Python with FastAPI, UI/UX design, and skilled in React and React Native using JavaScript and TypeScript.

PROFESSIONAL EXPERIENCE   November 2023 - Present

Freelance Full Stack Software Architect and Developer

Remote

- I architected and developed a private web platform for crypto asset trading automation;
- I set up clusters on the Google Cloud Platform using Kubernetes;
- I developed GitOps workflows with Argo CD, automating the continuous delivery of updates from the repository to the staging environment in less than 10 minutes;
- I developed a service using Python, the CCXT library, and Redis to fetch quotes for 3000 crypto assets across 5 exchanges, enabling price updates every second;
- I developed an automation for rotating private keys, allowing the encryption of user authentication tokens to be periodically updated;
- I implemented Google Firebase, optimizing user management and authentication with providers such as Google, Microsoft, Apple, and X;
- I architected and developed a second-factor authentication flow, preventing authentication attempts using leaked passwords.

Back-end Developer   April 2021 - October 2023

WEG, Jaraguá do Sul, SC

Full-time

- I designed and implemented new solutions for collecting and ingesting data from IoT devices;
- I enhanced a system for generating performance and health reports for machinery in industrial plants;
- I collaborated on multiple company projects, including fleet management systems for engines, transformers, and electric vehicle charging stations.

LANGUAGES

Portuguese: Fluent/Native   **English:** Upper Intermediate (B2)   **Spanish:** Basic (A2)

ACADEMIC BACKGROUND

Bachelor's Degree in Software Engineering   August 2021 - July 2025
Católica de Santa Catarina - Centro Universitário

Industrial Apprenticeship in Information Systems Programming   February 2019 - October 2021
CentroWEG - SENAI/SC

Industrial Apprenticeship in Computer Programming   February 2018 - December 2018
SENAI/SC