

# Cristhian Magalhães Jacques

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## RESUME

Software developer with over 5 years of experience providing high-quality software solutions. I have many skills in Angular, Node.JS, in building RESTful APIs, with practical experience in TypeScript, JavaScript, SQL and NoSql. Always try to follow Clean Code and OOP standards in addition to always thinking about secure, scalable and easily maintained systems. Skilled in working in collaborative environments, supporting product managers and implementing innovative solutions. Seeking to grow within the company by focusing on a team that prioritizes remote work, that values innovation, diversity and impactful contributions.

## EXPERIENCE

**Software Engineer Pleno**  
Telecon Sistemas RS

April 2022 - present

- I led the development of a new variation of the company's POS system for self-service (Self-Checkout), which involved the creation of the UI/UX and the management of communication with peripherals via serial port such as scales, barcode readers, among others. This innovation allows supermarkets to offer customers greater convenience and a streamlined and intuitive service experience. For this project, I used Angular 13, Node.js and the Electron.js library for device communication.
- I also led the development of another variation of the POS system designed specifically for teller equipment, incorporating Touch Screens and an additional individual screen for customers with a responsive, friendly and intuitive layout. This functionality resulted in a growing demand for this software, with significantly increased value of the system. Our offering has become unique in the market and we have successfully partnered with brands to add their equipment to our system. It used Angular 13 and Node.js, taking advantage of the Electron.js library to facilitate communication between multiple monitors.
- I developed a pioneering solution for traceability, expiration control and loss prevention using 2D codes for the supermarket sector. This initiative improved the internal processes of the stores and reduced losses, leading our team to win the prestigious Automation Award 2024 from GS1 Brasil - Brazilian Automation Association, which is the most important recognition of commercial automation in Brazil. The project was built on Angular 13, using NodeJs and several libraries for automation tasks, including RobotJs and ElectronJs.

**Software Engineer Pleno**  
**SKA Automação de Engenharias**

**March 2021 - May 2022**

- I participated in analysis and survey of customer requirements for new solutions of the company. I created a case study where it was possible to minimize the automation development time and thus increase the productivity of customer reports. These solutions were made with agile methodologies using Angular 10, NodeJs, TypeScript, and the Angular Material library for report layout.
- Developed automations to improve factory equipment management reports. These solutions made it possible to measure improvements in productivity, consumption, cost and forecast of machine maintenance. Angular was used for frontend development, while NodeJs was employed to create the API.
- The projects were managed with agile methodologies, integration with microservices and adoption of a micro-frontend-based approach to ensure flexibility and scalability in the system.

**Software Engineer Pleno**  
**Ecodev**

**April 2019 - March 2021**

- I developed the frontend of a CRM for Call Centers from scratch using Angular 8, NodeJs, CSS, Angular Material and Bootstrap. This system allowed for effective management of customer tickets and included features for making and managing calls through the VOIP protocol. I have created intuitive screens and reports with the aim of improving user understanding and experience, allowing them to perform daily tasks more efficiently. This approach has not only optimized time management but has also made decision-making more effective for managers.
- I participated in part of the development of API reporting routes using Laravel as a PHP framework to speed up the development process of these routes. With this, there was a significant increase in productivity and project delivery time.
- I assisted in the construction and configuration of a Debian server using the Asterisk/Elastisk tool, which allows the configuration of a traditional PBX exchange. This configuration allows the management and execution of VOIP calls, voicemail, messages, reverse IVR and several other functionalities..

## **EDUCATION**

**Associate's degree**  
**Faculdade Ftec IBGEN**

**February 2013 - December 2017**

- Development, management and maintenance of efficient and secure software systems, combining skills in analysis, design, programming, testing, teamwork and project management.

- Adquiri formação em análise de dados, tecnologias de BI e tomada de decisões estratégicas. Também desenvolvi habilidades em gerenciamento de projetos de TI, aplicação de modelos analíticos e integração de soluções tecnológicas.

## Languages

- Portuguese - Native or bilingual proficiency
- English - Intermediate Proficiency
- Spanish - Basic Proficiency

## SKILLS

- Development: Angular, Typescript, Node.JS, ElectronJs, RxJx, Git, Postgres, MongoDB, SQL Server, React (in process), Clean Code, OOP.
- Architecture and Design: MVC, SPA, Microservices,
- DevOps, Monitoring and Analytics: Docker.
- Tools and Methodologies: Jira, Kanban, Scrum, Azure, Trello.
- Operating systems and cloud providers: Ubuntu, Windows, VPS