

Software Engineer
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Check my LinkedIn Page



I am a Software Engineer, with more than 20 years of experience and solid knowledge in software development in the banking, retail, and technology industry in companies such as IBM, Yapo, and Walmart.

I have high competencies in the development of services orchestrated over different platforms based on Kubernetes.

I possess effective and facilitating leadership integrating collaborative work and achievement of objectives, assertive problem resolution, change management, continuous training, productivity, and continuous improvement.

Advanced Red Team Diploma
University of Santiago, Chile, 2023 - *In progress*

Red Team Diploma
University of Santiago, Chile, 2022

Master's in Technological Innovation
UTFSM, Chile, 2013

Computer Engineering
Austral University, Chile, 2003

Visual Arts Extension Diploma
University of Chile, 2020

Silicon Valley Immersion
University of San Francisco, California, 2013

IT Project Management Workshop
UTFSM, Chile, 2010

Diploma in Experimental Photographic Creation
University of Chile, 2009

- Goal-Oriented
- Facilitative Leadership
- Change Management
- Continuous Learning
- Critical Thinking
- Problem Solving

Walmart Chile - Retail
External Software Engineer **June 2022 - March 2023**

- We developed a service that enables the calculation of the total value of a shopping cart, deployed in Walmart's Cloud, and which consumes third-party services.
- For the solution, we created services written following the software product model designed by Walmart Chile, which aimed to ensure that deployed parts met a standard of observability and resilience.
- The work also involved integration with various technologies deployed in Azure.

- We completed the development of a platform that allows the calculation of the total amount to be paid online.

Tags: Kubernetes, WCNP, Golang, NodeJS, Microsoft SQL Server, Redis, Kafka

- I participate in multiple projects, each one being executed at different clients, many of them banks.
- All projects were developed for the Cloud, and shared a similar architecture starting with a web or mobile client that consumed APIs which composed or aggregated the results of different microservices.
- Additionally, I managed servers and clusters in client dependencies, performing volumetric analysis of the services and performance adjustments to the servers and services.
- I designed and implemented workflows for the team and tools to automate some of these tasks.

• I received the "IBM Excellence Award" for my participation in a high visibility project for the company, and a technical recognition for my work in the development and integration of services using OpenShift..

Tags: Kubernetes, IBM Api Connect, Gitlab, Golang, Node, Openshift, Cloudant, RHEL

- I perform the technical evaluation of projects that participate in various CORFO innovation contests, rating their technical, financial, and commercial merit, to determine their viability and adherence to the contest rules.

- I worked on the development and integration of new features on the site and improvements in internal development processes with multidisciplinary and self-managed teams following some aspects of Scrum.

- I coordinated the design of the team's workflow and its integration with other areas of the organisation. In addition, we completed the integration of an API developed by a team from another country with our backend, within a limited time frame, and that due to company commitments did not allow for delays or errors.

Tags: Linux, Postgres, PHP, Python, NodeJs, Golang, C, Redis, RabbitMQ, Git, Jenkins, Selenium, Docker

- I worked as an External Engineer, executing software development projects and improving development processes in different departments.
- Most of the projects involved creating data providers to connect the self-service machine interface with client services.

Tags: Visual Studio .Net, Team Foundation Services, IVR, Linux, ATM

- I served as a software developer and systems administrator in a Linux environment, working with the .Net Framework.
- Later the company was acquired by a Norwegian Microsoft Golden Partner, which led us to migrate all our servers to Microsoft technology.

Tags: Visual Studio .Net, Microsoft SQL Server, Linux, Microsoft, Virtualization, Continuous Integration

- In the 'Technological Research Seminar' course of the Computing Engineering program at the Puerto Montt Campus of the Austral University, I conduct research in the field of robotics. We created our own robot using PC parts and worked in a Linux environment, where we designed an open architecture, developed applications to control the robot, and drivers to manage the hardware components.

Tags: Linux, PcBot, Mono, Monobotics, Robot, Hardware, Drivers