

Contact

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(LinkedIn)

Top Skills

Google Cloud Platform (GCP)

Cloudflare

Rust (Programming Language)

Languages

Spanish (Native or Bilingual)

English (Full Professional)

Honors-Awards

University's Yearly Honor List

Guillermo Valin

Software Engineer at dcSpark | Former CTO & Product Lead |
Specializing in Decentralized AI, Blockchain Integration & High-
Performance Teams

Chile

Summary

Electronic Civil Engineer from the Federico Santa María Technical University, with diplomas in Software Engineering and in Information Technology Project Management from Andrés Bello University. Over 13 years of experience in Software Development for technology companies and Information Technology Project Management for companies in various sectors such as retail, logistics, banking, and financial services. He has primarily worked in directing and leading the Engineering, Product, and IT Operations areas of the company, with high technical expertise and business orientation. Focused on building high-performance teams while coordinating objectives with various stakeholders. He has excelled in the optimal development of products and user satisfaction, impacting usability and the company's commercial results. Native spanish speaker with fluent english written & spoken.

Experience

dcSpark

Senior Software Engineer

January 2025 - Present (6 months)

United States

As a key contributor to dcSpark's Shinkai project, I play a dual role in both software development and DevOps engineering. My work focuses on building and maintaining AI infrastructure that empowers users to run and manage AI agents locally with enhanced privacy and control, enabling decentralized peer to peer agent communication and crypto payments.

Key Responsibilities:

- Develop and maintain core components of the Shinkai Node, which orchestrates AI agents, handles user inputs, manages AI models, and ensures efficient task execution.

- Implement features to define and execute AI workflows, enhancing the system's flexibility and user customization capabilities.
- Collaborate on the development of tools within the Shinkai Tools Builder, streamlining the creation and management of tools in the Shinkai ecosystem.
- Design and implement CI/CD pipelines to automate testing, building, and deployment processes, ensuring rapid and reliable software releases.
- Manage infrastructure using Infrastructure as Code (IaC) principles, employing tools like Docker and GCP Cloud Run and Cloudflare Workers to provision and maintain scalable environments.
- Monitor system performance and implement logging solutions to proactively identify and resolve issues, maintaining high availability and reliability.
- Enforce security best practices across development and deployment workflows, safeguarding the integrity of applications and infrastructure.

Cotalker

7 years

Chief Product & Technology Officer

March 2023 - December 2024 (1 year 10 months)

Gran Santiago, Región Metropolitana de Santiago, Chile

Lead the Engineering and Product areas, designing the strategy and coordinating the implementation of the product plan, with a focus on customer satisfaction and achieving commercial results. Reports to the CEO with 15 people under management.

Highlights:

- Develop a new methodology for managing backlog, roadmap, and projects together with the product area, aligning the company's and the user's vision, achieving milestones such as retaining Cotalker's largest accounts (CGE and BCI) and developing the product/marketing/commercial strategy, increasing recurring revenue by 60% over a 12-month period (2023-2024).
- Optimize the use of the AWS Activate startup program and migrate from Amazon Web Services to Google Cloud Platform, saving 100% of cloud costs from 2021 to 2023 and 50% of cloud costs in 2024.
- Certify Cotalker under the ISO 27001 cybersecurity standard, which will reduce entry barriers with corporate clients requiring this certification to become suppliers by 2025 (2024).

Chief Technology Officer

June 2020 - March 2023 (2 years 10 months)

Gran Santiago, Región Metropolitana de Santiago, Chile

Lead the development of the Cotalker product in collaboration with the Product, Operations, Marketing, Customer Success areas, and the CEO; aligning the company's strategic vision with customer needs. Report directly to the CEO, with 10 people under management.

Highlights:

- Participate directly in the development of a solid, highly available distributed architecture using pioneering technologies. Creation of the SRE area responsible for product maintenance and incident management, reducing the rate of critical incidents reported by customers by 75% in one year (Mar 2022 – Mar 2023).
- Implement an “internship” plan and its continuity, enabling cost-effective talent attraction, along with capacity and efficiency in project development, in the years 2020, 2021, and 2022.

Head of IT Operations

January 2018 - June 2020 (2 years 6 months)

Santiago, Santiago Metropolitan Region, Chile

Establish the Projects and Support areas, responsible for implementing new projects or improvements to existing ones, and handling customer incidents or requests. Manage processes and solution architecture, participating in the company's business closures. Report directly to the CEO, with 5 people under management.

Highlights:

- Be a key player in a pre-sales role for closing the contract with COPEC and then commercializing its success story, which currently represents over 80% of the client portfolio.
- Achieve the acquisition and satisfaction of our corporate clients, thanks to the development of projects in the area (COPEC, CGE, BCI, Coopeuch, Esmax, Terpel, among others), with whom we have contracts lasting more than 5 years.

Megamedia

3 years 7 months

IT Project Manager

August 2016 - December 2017 (1 year 5 months)

Santiago, Santiago Metropolitan Region, Chile

Develop the strategy for the digitalization of the organization's administrative/ accounting processes. Report to directly to the corporate Controller with one

person in charge and matrix reports according to each project. Participate in the merger process between Megavisión Television Network and Bethia Communications as a technology advisor. Successfully configure the account and company structure in SAP (2019).

Highlights:

- Implement and activate the “Digitalization of Administrative Processes” project, training over 500 employees from all areas and profiles within the channel, enabling the automation of expense accounting, reducing errors, freeing up resources, and facilitating the process. Project launched in 2017.

IT Project Engineer

June 2014 - August 2016 (2 years 3 months)

Gran Santiago, Región Metropolitana de Santiago, Chile

Analyze the functional requirements of the organization's stakeholders for the creation of technology projects that digitalize and optimize administrative processes. Reports to the Manager of Controlling.

Highlights:

- Develop and implement a new management control scheme using SAP PS, allowing for improved budget control of the channel's productions with precise expense control by account items and by chapter, facilitating activation and amortization (2014).
- Automate accounting settlements in SAP, reducing management time by 70% (2015).

El Mercurio

Business Analyst / Software Engineer

December 2012 - June 2014 (1 year 7 months)

Gran Santiago, Región Metropolitana de Santiago, Chile

Manage software development projects based on gathering the company's stakeholders' needs, materializing them into the development of new management tools (software) and improving existing ones. Report to the IT Operations Manager.

Highlights:

- Lead the classifieds site project (economicos.cl) and classifieds publisher (publicador.economicos.cl), still active today, for accounting processing and electronic payment processing (2013-2014).

Synopsys

R&D Engineer

January 2011 - December 2012 (2 years)

Gran Santiago, Región Metropolitana de Santiago, Chile

Participate in the company's product development and improvement plan with a focus on quality. Report to the R&D Manager in Switzerland and collaborate with stakeholders in the USA, Switzerland, India, and Chile.

Highlights:

- Develop key features for the new software to be launched, enabling significant cost savings on component license royalties during the year 2012.

Education

Universidad Técnica Federico Santa María

Engineer's degree, Electrical, Electronics and Communications Engineering,
Electrical, Electronics and Communications Engineering · (2005 - 2010)

Universidad Nacional Andrés Bello

Advanced Studies in IT Management, Information Technology, Information
Technology · (2015 - 2016)