Jorge Vargas Silva

Software developer

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Areas of expertise

- Web development using Ruby on Rails since 2010
- Ruby developer since 2010
- Javascript for front-end development since 2010
- MySQL database administration since 2010
- PostgreSQL database administration since 2012
- Amazon Web Services administration since 2012
- DigitalOcean and Linode VPS administration since 2011
- Ubuntu / Debian server administration since 2009
- Git since 2010
- Remote work since 2015
- Docker, Kubernetes since 2020

Also knows about

- HTML, CSS, Json, YAML
- MEAN Stack (MongoDB, ExpressJS, AngularJS, NodeJS)
- Ansible, Docker and Kubernetes for DevOps automation
- Native Mobile development with Swift and Java.

Educational Background

- Software Engineering, Universidad de Santiago de Chile, 2013
- Software Developer, Inacap, 2010 - 2012
- Telecommunications technician, San Alberto School. 2006 - 2009

Work experience

Senior Software Developer, SECZETTA (Acquired by Sailpoint) - *March 2022-Feb/2023*

- I've implemented many, many features related to the core business - audit of third-party employees - helping thousands of customers around the globe.
- I was part of the team that moved from the mono repo to something more like The Citadel. Usually, I don't like split applications, but in this context, makes a lot of sense to take out many components.
- I made some contributions to a custom messaging system based on Ruby we created; this is the lightning talk that Adam talked about it.
- I contributed to fixing a lot of hard-to-detect bugs running all services locally.
- I guided other people on using the framework (Rails) and languages (Ruby and others) to make smarter usage.

Lead software developer, REBUSS - *May/2018 - Dec/2019, Oct-2021 - Nov/2022*

- I led a team of 4, working across the whole stack but mainly on the backend of the two critical systems, Counter and Admin.
- I work updating the Ruby and Ruby on Rails versions for the Admin system and implement features related to reports for the IT area and maintenance of the system itself.
- I've implemented new features like Audit Logs for Postgresql, applied updates for system packages on the Counter app, and developed or fixed some issues on reports.
- I also guide and coach the team alongside the CTO in using best practices for Ruby and Ruby on Rails development.
- I implemented Rebuss inventory systems in Asia with a team of 3, leading the international expansion and use of all Rebuss software by AJIS Retail Solutions, coordinating with their Development team in China and his business, R&D, and operations teams in Japan.

- I contribute to Rbenv core team in a tiny but fantastic experience upgrading jRuby versions available on Github. I also failed with other contribution.

Software Architect, Capitalizarme SpA - *Jul/2020 - Jul/2021*

- I work as an internal consultant for all people in the team, including team leaders, product managers and CTO.
- I provide and coordinate use of good software practices, code and infrastructure standards and general and particular knowledge about development, leadership, hardware and software planning, team management, and even some cooking recipes. Usually, they describe my position as 'the one who decides and solves when no one else can'.

CTO and founder, Oceanlab *(sideproject) - Feb/2014 - Sept/2020*

- I was part of a team of up to 10 people, leading the development of different projects and taking critical design and implementation decisions. This are some of our projects
  - Kptivemedia.com
  - Imt Invoice Tracker
  - Prosafe.me
  - Ventas Acting

Lead software engineer, Ipsum SpA - *Nov/2017 - March/2018*

- I was part of a team of four working heavily on the refactor of critical code sections of the backend of their main service Proplanner. I also make a lot of refactoring of SQL queries, optimizations on background workers and notifications systems.
- I also trained two people on Ruby on Rails.

Web Developer, Medularis SpA - *July/2017 - Oct/2017*

- I was part of a team of two, working in the maintenance and development of new features for ClickFono, a software backed by FreeSwitch and Ruby on Rails that

allows people to request phone calls while they are viewing a web site. Heavily used by Banks and Retail.

Web Developer, Magnet SpA - *Jun/2015 - Oct/2015*

- I worked refactoring a lot of SQL queries and developing new features for Autored.cl. Also working directly with clients as a consulting expert on IT decisions.

Teacher and developer, DesafioLatam Bootcamp - *Ago/2015, Oct/2016 - Ene/2017*

- I was part of the teachers staff, leading the Ruby and Ruby on Rails courses.
- I developed some of the internal students platform empieza.desafiolatam.com.

CTO, Nibu - *April/2012, May/2014*

- I lead a team of three people in the development of a platform backed by FreeRadius and Ruby on Rails to manage the WiFi hot spots for malls, restaurants, hospitals and other places.

Web developer, ComparaOnline - *Oct/2010, March/2012*

- I was part of the development team, contributing with new features and fixing bugs mostly on the front-end.