Alter **Lagos**

Software Engineer · Senior Web Developer

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Skills

Programming	Ruby – Javascript
Web	Rails – ReactJS
Languages	Spanish – English

Experience

vWork
Auckland, New Zealand

RAILS DEVELOPER · *Sep. 2018 - Present*

- Contributed extensively to the company's job scheduling web monolith, with a focus on optimization and code quality.
- Conducted multiple code refactoring efforts to promote code reuse and cleaner architecture, also removed unnecessary code reducing the code-base size significantly.
- Coded several optimization techniques, such as query refactoring, data caching or code profiling, among others, to improve the overall performance of the application.
- Upgrading Ruby/Rails/Webpack stacks for the 367K LOC monolith, including upgrade, replacement or removal of gems and packages.
- Constantly involved in test automation efforts within the IT team, along with promoting testing good practices in dev. team, related with test isolation and speed.
- Introduced tools to adhere coding standards (Rubocop/ESLint), also encouraging the rest of dev. team to follow them.
- Key developer, always supporting daily requirements from development, IT, testing and customer service teams.
- Integrating platform with 3rd party services like Hubspot, QuickBooks, MYOB or Xero.
- Technologies used: Rails/React/GraphQL/PostgreSQL/Solr/Cassandra/RabbitMQ/Docker/AWS.

Meloncargo
Remote

RAILS DEVELOPER · *Oct. 2016 - Aug. 2108*

- Integrating internal Rails system with third party services like Mercado Libre API and Mercado Pago API
- Development of Facturapi, a gem to interact with a SOAP service of SII, the chilean taxes institution.
- Jenkins Install and config. with Docker as CI Service.
- Rails update to 5.x, including moving assets handling from react_on_rails to webpacker.
- Tech stack highlights: Elastic Search querying - React/Redux in frontend - Pusher notifications

Independent Contractor
Remote

RAILS DEVELOPER · *Apr. 2014 - Mar 2018*

- Worked with a wide range of clients, mostly from United States, through Upwork platform.
- Developing for customers like Cloud Dentistry, ClickFunnels or Martian Interactive, to mention a few of them.
- Some tech stack: React frontend - CMS implementation - payment services integration with Stripe - I18n implement in front/back side

4Talent
Santiago, Chile

RAILS LEAD DEVELOPER · *Aug. 2012 - Mar. 2014*

- Recruitment platform built from scratch for Bci Bank.
- Involved in requirement gathering, design of application and full stack development.
- Backend processing with sidekiq - Integration with third party API's - REST API development to support AngularJS frontend - Use of Elastic Search - File uploading to S3

Previous Experiences

Sep. 2007 - Jul. 2013

- Rails developer in Cranberry Chic. Using BackboneJS frontend and REST API development for iPhone version of the app.
- Rails developer in Trifecta GIS (now known as T4 Spatial). Maintenance and support of a Rails 3 application with Adobe Flex Frontend.
- Java developer in Continuum. My first real project using Rails 2.
- Java/Flex developer in Implementa TI. Using EJB/Hibernate
- Developer intern in Interplanet. Mostly testing of web apps and some roles as sysadmin of IBM Websphere servers

O.S. Projects

dragonfly-azure_data_store
GITHUB.COM/MELONCARGO/DRAGONFLY-AZURE_DATA_STORE *2018*
- Microsoft Azure data store for use with Dragonfly gem.

facturapi
GITHUB.COM/MELONCARGO/FACTURAPI *2017*
- Integrates a RoR application with sii.cl SOAP service (chilean taxes institution) to generate invoices.

O.S. contributions medley

- myob-api
- ruby-saml
- coveralls-ruby-reborn
- rails_performance

Presentation

Functional programming with Elixir
Chillan, Chile (remote)
CODE ÑUBLE *Jun. 2019*
- Origin of Elixir Language, some of their features and a quick comparison with Ruby about its functional paradigm.

Trabajo Remoto (Remote work)
Chillan, Chile
BIO-BIO UNIVERSITY *Nov. 2014*
- My experience working as remote freelancer. Explaining advantages/disadvantages and giving some tips about how to start with this work modality.

Optimizando Rails (Optimizing Rails)
Santiago, Chile
DYNLANG CHILE (MEETUP.COM) *Nov. 2012*
- Talk about different techniques to optimize a Rails application, including code profiling, query optimization, caching and asset management.

"Radiografía de un sitio web" (A Website's Radiography)
Santiago, Chile
FLISOL 2010 (LATIN AMERICAN FESTIVAL OF FREE SOFTWARE) *May. 2010*
- Giving good practice tips regarding the use of HTML/CSS/JS. Also an introduction about HTML5 and all the improvements it brings to the web.

Education

Bio-Bio University
Chillán, Chile
B.S. IN COMPUTER SCIENCE AND ENGINEERING *Mar. 2002 - Dec. 2007*
- Thesis Work: Development of a Bug tracking system using Flex/Actionscript/Spring Framework
- Part of University Tech service for one and a half year
- Teaching assistant in "Seminario y paquetes de software"(Seminar and software packages) class for a half year

Extracurricular Activity

Ruby X Elixir conf
Taipei, Taiwan
ATTENDEE *Apr. 2018*
- Gained knowledge about new technologies and best practices

Auckland RoR Group
Auckland, New Zealand
MEMBER *Aug. 2011 - Present*
- Gained knowledge about new technologies and best practices

dynLang Chile
Santiago, Chile
MEMBER *2010 - 2018*
- Gained knowledge about new technologies and best practices
- Shared some talks about ruby development