

Sebastian Ordiz

Experienced C++ Developer/RoR Developer/Ruby Hobbyist

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EDUCATION

Computer Forensics
Consejo Profesional en Ciencias Informáticas (CPCI)
2016

Systems Engineer
Universidad Tecnologica Nacional (UTN)
2006 - 2009

Systems Analyst
Universidad Tecnologica Nacional (UTN)
2001 - 2006

First Certificate in English
University of Cambridge (AACI)
1998 - 1999

LANGUAGES

Spanish (Native)

English (Professional)

INTERESTS

Running

Piano

Reading

Video Games

TV Series

Family and Friends

CAREER PROFILE

Systems Engineer professional with more than 15 years of experience in software development. Worked on C/C++ for large enterprise application mainly in the telecommunications and aerospace industry. Always working in agile teams and investigating new technologies.

Since 2009 enjoys developing Ruby on Rails applications. Has many running projects in both RoR and Sinatra. Devoted to the Ruby language in all its forms. Anxious to be up to date on the state-of-the-art technologies and architectures. Likes teaching to settle down knowledge.

EXPERIENCES

Head of Development

October 2018 - Present
Endava

Leading the Development Discipline in the Buenos Aires Delivery Unit. Responsible for attracting, recruiting and developing the best talents. Ensuring that people are assigned to projects that reflect their capabilities, development aspirations and match project requirements. Actively participating in the Delivery Unit budget planning and execution, supporting pre-sales and ensuring that the projects are successfully delivered with the expected technical excellence.

Sr. Team Lead

October 2010 - Present
Velocity Partners

Joined to lead a C++ software development team for Tectplot Inc. Worked in that project for 6 years. During those 6 years also created from scratch 3 internal web apps in Ruby on Rails. Currently leading a team in charge of the migration of one application to Ruby On Rails 5 and administering the in-house microservices architecture that orchestrates all of the internal projects. Tech referent of the company in C++ and Ruby languages, leading training sessions for in-house employees.

Team Lead

November 2005 - September 2010

Verizon Business

Joined the company as a Senior C++ Developer to maintain the TPS project. The last 2 years I was leading the team. TPS was a suite of multithreaded applications developed in C++ (HP - Unix) for the automation of local voice switch provisioning. Among the technologies that were involved the most important ones were CORBA, webservices in C++ with GSoap and very complex ORACLE database interaction with OCCI. Also low level coding in a specific laguange was required to interact with the voice switches.

Sr. Application Developer

November 2003 - October 2005
Accenture

Join the company as a Junior C/C++ developer to mantain the GIT project then I became the referent of that project. GIT was a multithreaded application developed in C++ (AIX - Unix) for the billing of the local, national and international telephony services. Development also involved Unix shell scripting, ORACLE database usage and creation of ORACLE forms.

Network Support Specialist

March 2001 - October 2003
Fibertel

Joined the company as a network support specialist. Responsible of fiber and coaxial network fault detection. Technician coordinator for solving network issues and network equipment monitoring for the internet services (DNS, DHCP, ROUTER, etc). Gained DOCSIS knowledge.

Systems Engineer

January 2001 - December 2009
Universidad Tecnologica Nacional

Graduated as a Systems Engineer and Systems Analyst.

PROJECTS

About Me - I always thought about having my own profile website. About me is the website that you are currently surfing. It has all my professional Bio, my portfolio and my blog. It is a modification of a free bootstrap template from startbootstrap.com but it runs in RoR 5 as the content of it is dynamically managed.

Alarms - A friend of mine is a stockbroker. He wanted to be more productive so he asked me if there was a way of creating a web application where he could set some bounded values that would trigger alarms when the stocks he was interested in were out of those values. Alarms is a web scraper tool developed in RoR 4 that grabs information from some web sites and monitors that information based on preset alarms.

Rails Bootstrap - After developing many Ruby on Rails applications it was obvious that I needed some platform to have all the ground work already settled every time I needed to start a new project. This is how RailsBootstrap started. I investigated about multitenancy and found a very good gem named apartment. RailsBootstrap is a RoR based framework that is configurable

to my needs and contains the gems that I mostly use. It also provides the ability to handle and create multiple user accounts with different levels of access out of the box.

Mas Birra - I am a big fan of tasting different kinds of beers from all over the world. I have a friend that brews his own beer and proposed me to help him on bringing the beer world to the web. Together we started a project that involved many different apps. The front-end was in charge of him and it was developed mostly in angular and wordpress. My responsability was the backend which was developed in Ruby using with Sinatra, Mongo and OAuth authentication.

Trip Management - This application started as an internal labs project while I was leading a training session in Ruby on Rails. The application was initially developed in RoR 3 and once it went live I was responsible of maintaining it. After that, new features were added, later the application was migrated to RoR 4 and finally during 2017 the application became part of a microservices arquitechture as a RoR 5 Rest API with an Angular front-end. Trip Management is the application that Velocity Partners uses to manage all the trips of all their employees either to travel within the offices in different countries or to visit the clients.

A Lo Avelino - A friend of mine is an architect. He had troubles to manage the money that investors handled to him to pay the contractors. This application started when I invested in my own home with him as a way to organize the accountability in the process of building my home. The application is developed in RoR 4 using bootstrap and many other gems (CanCan, Paperclip, chartkick, datatables) to show graphs, tables, manage roles and handle attachments.

Coferenciar - I love attending conferences related to my professional career. The first time I heard about a Ruby conference being held in Buenos Aires I was very exited but I realized that finding information about other conferences being held in my city was hard. Conferenciar is a RoR 4 website that contains a calendar with all the upcoming tech conferences that are being held in my city or near it.

Tecplot 360 - Multiplatform desktop application developed in C/C++ using QT 4.8.3. As a Velocity Partners employee I was asigned to this client during 6 years as a Team Lead. Not only I led the Argentinian team but I was also involved in the maintenance and development of new features including a full migration from legacy code to QT. Tecplot 360 is a visual data analysis tool that improves productivity with integrated XY, 2D and 3D plotting. It is mainly used in the aerospace industry to simulate data and do CFD calculations.

SKILLS & PROFICIENCY

Ionic Framework, Angular, Apple Store Publishing, Play Store Publishing

QT, STL, Googe Test, Google Mock, C++11/14, OCCI, CMake

Ruby on Rails, Sinatra, Rspec, Devise, MongoId, Multitenancy, OAuth2

HTML5, CSS3, Javascript, CofeeScript, AngularJS, Sass, Bootstrap

Git, SVN, Heroku, Gitlab, Docker, Vagrant

Oracle, Mysql, PostgreSQL, Mongo