Angelo Calvo

Engineering Leader and Devops

I'm a passionate man, of life. I think all the situations that occur in life are an opportunity, even the bad things. if I had to describe myself, I think about me like scientist who loves what he does and that everyday can improve to make incredible things. I don't know the significance of impossible word, because the impossible things are the perfect place to innovate and make the difference. Give me the chance and I will never surrender.

36 years old
Driving License

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Resume created on
DoYouBuzz

EXPERIENCES

Engineering Lead
Awto - December 2022 to May 2024

‣ Design and implement a technical strategy that aligns with the company's objectives, addressing scalability and regional internationalization challenges. Emphasize efficiency and high availability to support the goal of significantly increasing the user base in the coming years.

‣ Restructure the engineering team of over 20 engineers to improve efficiency by designing and implementing processes that enhance agility in tackling construction and delivery challenges.

‣ Lead the modernization and migration of the company's technological core, employing diverse architectural strategies to enhance and reinforce existing solutions.

‣ Design, develop, and implement products, MVPs, and prototypes within the company, promoting the adoption of new technologies and innovative techniques by the team. The goal is to stimulate team growth and strengthen the company's value proposition.

Chief Technology Officer
Ecopass - Since August 2020

‣ Ecopass is a technology startup whose mission is to facilitate and democratize digital tools for the creation, development, and execution of both corporate and transactional events.

‣ Provide and develop the necessary technology to increase the company's net income by 800% in the last 2 years, expanding the user base and events by 20x.

‣ Recruit the engineering and design team from scratch, using the methodology proposed by Mike McNeil, "Developers from Scratch," reducing initial costs by up to 50%.

‣ Collaborate with design and product teams to create intuitive and user-friendly platforms for our users, establishing plans for their development and implementation.

Expert Engineer & Solutions Architect
Banco Ripley - June 2020 to December 2022

‣ Design & Implementation of microservices architectures, to build high scalability solutions bring to the company the capacity to reach a best performance face to clients

‣ Design & Leading the microfrontend initiative to improve to company the capacity to build E2E components integrable to any app of Ripley.

‣ Design architectures based on AWS cloud to resolve legacy problems with strangler and ACL patterns.

‣ Setting the guidelines to developers teams to improve the code style, patterns and good practices.

‣ Design & Recruit "Cross company Team" to build internal technology to the company and begin build E2E componentes.

‣ Design the strategy to implement "Cross-Ecosystem", allowing the integration and interoperability of interactions of all channels of Ripley in a cross system environment.

‣ Involved in designing and developing of Ripley-SDK to allow the integration between the channels frontends and Cross-Ecosystem capabilities.

Director of Technology - Chile
Microblend - March 2021 to October 2022

‣ Consulting member with the challenge planning a strategy to implement a IT area in Chile, that provide support and operating continuity to operation in LATAM.

‣ Lead the migration strategy to implement AFS & AOS systems in all LATAM countries in operation.

‣ Lead the comunication and manage the requeriments with key parners like Falabella.

‣ Lead the cloud architecture design, reducing cost and improve the scalability of the systems.

‣ Design the strategy of autonomy from Microblend US, to operate like an autonomous company.

‣ Design & implementing the real time reports systems with business KPI.

‣ Design the strategy of refactor systems to improve the performance and maintainability.

‣ Manage the high level monitoring of all nodes in LATAM, to provide support to distinct business areas.

Senior IT Analyst

Mercado Libre - January 2020 to June 2020 - Santiago - Chile

- Analysis, develop and execute of high complexity migrations projects related to core platform operations, with impact in all products of classified business.
- Developing high complexity problems in publish flow from real estate solutions, like Portal Inmobiliario, using React.js, JAVA, SASS CSS
- Drive practices and use of agility tools like JIRA, tracking agility practices with SCRUM, making adaptive improvements to the process.

Teacher

San Sebastian University - Since July 2018

- Teacher of "Advanced programming workshop" course
- Teacher of "Web Technologies and their applications" course.
- Teacher of "Object Oriented Programming" course
- Teacher of "Advanced programming" course

Chief Technology Officer

Parley - January 2019 to May 2020 - Santiago - Chile

- Technically lead the company's vision of products, promoting the technology and design team, creating products for industries with great growth potential, inserting technologies in their processes and value chains. Tools were used to obtain usage metrics such as Google Analytics and Tag Manager.
- Design the architecture and participate in development acting as Merkur's technical leader. A SAAS built to manage and automate the processes of the graphic industry, integrating optimization and AI processes, to assist the quotation processes, planning and monitoring of the life cycle of work orders. It was built on Angular 8, Typescript, SASS CSS, Node.js, Docker, K8s (Kubernetes), Bring k, Mysql, Redis and RESTFul services. Implemented on an AWS-GCP multicloud layer.
- Drive good development practices through the use of TDD, GITFlow, Code Review, Minimum Coverage and agile management through SCRUM, using the JIRA tool.
- I was Devops of the engineering team, implementing CI / CD processes, tests, as well as automation processes in development tasks, integrating them under GIT, using Jenkins and Portainer.
- Recruit IT talents to build the engineering and design team.
- Work in customer and company relationships, managing internal teams and building products with external partners.
- I was develop mobile applications in Flutter and Firebase for various software components of the developed applications.
- I implemented monitoring systems, metrics and alerts using Prometheus, New Relic, Portainer and Kibana in the developed systems and infrastructure.

Senion Software Engineer

Lemontech - October 2018 to December 2019

- I was the technical leader of IPM (IP Manager), being also its senior developer. IPM is a product oriented to the legal industry to monitor the life cycle of brands and intellectual property of products, based on scrapping processes and phonetic comparisons. IPM is built in two versions. IPM Chile is built in Ruby Padrino, Cofee Script, SASS CSS, Mysql and Apache Solr. IPM International is built in Ruby on Rails, SASS CSS, React.js, Javascript and Apache Solr. Both products are deployed using AWS.
- I was senior engineer in the evolutionary development of Case Tracking, a product aimed at monitoring the life cycles of causes and legal processes, tracking movements and events. In this context, approach AI implementation projects using CNN (Convolutional neural networks) and Machine Learning processes, to classify and obtain document entities and with the objective Lif obtaining information and automating processes by having understanding of the legal movements carried out. by courts of law, allowing automated decision making. This project is built in Ruby on Rails and React.js, SASS CSS and Javascript. In Machine learning we heavily use Python, Scapy, Docker and AWS to carry out On-Demand training processes.
- I was design and develop the documents training system, Limoneno, to assist the Machine learning and classification process. This system was built using React.js, Typescript, Ruby on Rails, Mysql, SASS CSS, Docker, Trae k, Docker and RESTFul services. Swarm on an AWS layer.

> ‣ We use agile methodology, SCRUM to manage projects and teams within the organization, as well as GIT to version the developed software.

IT Leader & Fullstack Developer

Smartvet - February 2017 to January 2019

‣ I designed and develop the mobile app for customers. This application was developed in Nativescript, integrated with Firebase.

‣ I designed and develop the mobile app for veterinary partners. This application was developed in Nativescript, integrated with Firebase.

‣ I designed and develop the backend layer to provide services to mobile applications. The microservices pattern was used, using Docker, Docker Swarm, Node.js Express, MariaDB, balanced in a Traefik layer.

‣ I developed the web platform, built in Angular, CSS LESS and Javascript.

Software Engineer

Contraloria General de la República de Chile - March 2014 to October 2018 - Santiago - Chile

‣ The Comptroller General of the Republic (CGR) is a superior oversight body of the State Administration, contemplated in the Political Constitution, which enjoys autonomy vis-a-vis the Executive Branch and other public bodies. It is essentially an entity that controls the legality of acts of the State Administration and safeguards the correct use of public funds, independently of the Executive Branch and the National Congress.

  The work of the Comptroller's Office is primarily a legal, accounting and financial audit aimed at protecting the principle of legality, that is, verifying that the organs of the State Administration act within the scope of its powers, subject to the procedures The law contemplates and uses public resources efficiently and effectively.

‣ Design, develop and implement the second versión of GEOCGR. This versión are built in Angular 5 and Open Layers 3.

‣ Design and implement EARLGREY. A Lightweight Java Services Framework inspired in Nodejs Express, Sails.js & Phalcon PHP for quick develop of apps based in client server architecture with a common administration platform and deployable in any application server. Github: https://github.com/acalvoa/EARLGREY

‣ Design and implement SISGEOB - Control Desk. A System developed in Angular 4 and JAVA with Earlgrey Framework, to provide a easy way to get information of the control work do by CGR inspectors.

‣ Design and implementation GEOPORTAL. A geo application made to show the geographical information generated by CGR in Juridical and Control subjects. This app was build with angular 4, Oracle Spatial database and JAVA.

‣ Design and Develop SIANTE (Territorial Analysis System). A Territorial Analysis system, to build and make decisions based on public geographical layers provided by government, and chilean laws. This application was build in two version. The first version was build in Node.js, JS, PostgreSQL and Google Maps API. The second version was build in JAVA Earlgrey, JS, Oracle Spatial and Open layers 4.

‣ Design, develop and implement GEOCGR - CHILECOMPRA. A transactional and REST systems to operate with the public system of adquisicion of government, to register the public works projects make by privates companies with public funds.

‣ Design, develop and implement GEOCGR, the first government system to inspect the public investment in public works projects in Chile.

‣ Design and implement GEA. A java framework MVC for quick develop of apps and prototypes. Github: https://github.com/acalvoa/GEA-FRAMEWORK

‣ Implement a Realtime solutions and architectures to develop Websocket based applications with RSA encription.

‣ Change the organizational way to make applications, innovating and making solutions with the latest technologies changes.

‣ Develop solutions to generate cost savings up to $400.000 USD of licenses like weblogic, google maps, etc.

IT Leader & Fullstack Developer

Importclub - August 2016 to July 2018 - Santiago - Chile

‣ Importclub is a startup company, that allows you create or join a wholesale import. We want all can import with wholesale prices. For this, we create a importers communitie, where everyone seeks to achieve the quantity demanded by the supplier and achieve prices that only the big companies can achieve. This project is a supported by CORFO program

‣ Design, develop and implement the first stable version of platform. This project was build with Angular 4, Node.js Sails and MariaDB Database in a server swarm configuration with load balance.

‣ Improve and develop new features of the MVP wordpress platform.

‣ I was manage the company's technology area by implementing KANBAN agility concepts, training new developers, aligning the technology strategy with the challenges and requirements of the business area.

Chief Technological Officer & Fullstack Developer

Eollice - July 2013 to December 2014

‣ Eollice is a clean energy crowdfunding platform where people can invest in solar projects and gain money through time. This project is a supported by CORFO program.

‣ Build and develop the MVP platform for the company. This platform was build with native PHP, MYSQL, JS, HTML & CSS. Github: https://github.com/acalvoa/EOLLICE

‣ Management the technological area of Eollice, achieving with a small team and low resources, build a stable technological system.

Fullstack & Geo Developer

Solvemaps - 2009 to 2011 - Consultant - Santiago - Chile

‣ SolveMaps, Incorporates Geographic Intelligence as a tool that adds value to the management of its customers, integrating it in their business processes, through the development and efficient use of Geographic Information Systems and Information Technologies.

‣ Develop and implementation a real estates geographical system with web mining process to search and capture a real estates from a web pages, to use this information in the to make decisions about real estates investment. This system was build with PHP and native Javascript and Googlemaps API 2.

‣ Develop and implementation SIG system's to real estate companies of colombia, to cluster their real estate information in a map system. This systems were build with PHP, native Javascript and Googlemaps API 2.

SKILLS

IT Skills

‣ Software Development	★★★★⯪	‣ Devops & Security	★★★⯪☆
‣ Project Management	★★★★☆	‣ Frameworks Design	★★★★☆
‣ System Architecture	★★★★☆	‣ Team Leadership	★★★★☆
‣ Agile Methodologies	★★★★☆	‣ Cloud Architecture	★★★⯪☆

Methodologies and Patterns

‣ SCRUM	★★★★⯪	‣ KANBAN	★★★☆☆
‣ DDD	★★★☆☆	‣ Gitflow	★★★★☆
‣ Microservices	★★★★☆	‣ CI/CD	★★★★☆
‣ TDD	★★★★☆	‣ RESTFul Services	★★★★★
‣ GraphQL	★★⯪☆☆	‣ Monolithic Systems	★★★★⯪

Programming Languages

‣ PHP ★★★★☆	‣ JavaScript ★★★★½
‣ Python ★★★☆☆	‣ Golang ★★★☆☆
‣ C ★★★☆☆	‣ CSS (CSS, SASS, LESS) ★★★★☆
‣ Dart ★★☆☆☆	‣ .NET ★★½☆☆
‣ Ruby ★★★★☆	‣ Java ★★★★☆
‣ Node.js ★★★★½	‣ Typescript ★★★★☆
‣ C++ ★★★☆☆	‣ Asembly x86 ★★★☆☆
‣ HTML ★★★★½	‣ R Language ★★☆☆☆

Frameworks, Libraries and components

‣ Angular ★★★★★	‣ React ★★★★☆
‣ Django ★★★☆☆	‣ Java Spark ★★★☆☆
‣ Laravel ★★★☆☆	‣ Ruby on Rails ★★★★☆
‣ Flutter ★★☆☆☆	‣ Nativescript ★★★★☆
‣ React Native ★★★★☆	‣ Google Maps API ★★★★☆
‣ Open Layers ★★★★☆	‣ RabbitMQ ★★★☆☆
‣ Angular.js ★★½☆☆	‣ Sails.js ★★★★★
‣ Node Express ★★★★★	‣ Spring Boot ★★★★☆
‣ Phalcon PHP ★★★☆☆	‣ Code Igniter ★★★☆☆
‣ Firebase ★★★☆☆	‣ Wordpress ★★★★☆
‣ Apache Kafka ★★★☆☆	‣ NATS ★★★☆☆

Assistance software

‣ GIT (Gitlab, Github, Bitbucket) ★★★★★	‣ JIRA ★★★★☆
	‣ Invision ★★☆☆☆
‣ Subversion ★★★★☆	

Databases

‣ Oracle ★★★★☆	‣ Mysql & MariaDB ★★★★☆
‣ PostgreSQL ★★★½☆	‣ MongoDB ★★★☆☆
‣ Elasticsearch ★★★☆☆	‣ Solr ★★★½☆
‣ On-Memory DB (Redis, Memcached) ★★★☆☆	‣ Cloud SQL databases (Aurora, GCP Cloud SQL) ★★★½☆

Devops & Networking

‣ Linux ★★★★☆	‣ Iptables ★★★☆☆
‣ Cisco ★★★☆☆	‣ AWS ★★★★☆
‣ Google Cloud ★★★☆☆	‣ Docker ★★★★½
‣ Jenkins ★★★★☆	‣ Drone ★★★☆☆
‣ Gitlab CI ★★★☆☆	‣ Docker Swarm ★★★★½
‣ K8s ★★★☆☆	‣ Ansible ★★★☆☆

Artificial Intelligence

Convolutional Neural Networks	★★★⯨☆	Scapy	★★★☆☆

INTERESTS

Academic

- ‣ Software Development
- ‣ Teaching and train engineers
- ‣ Machine Learning
- ‣ System Architecture
- ‣ Framework design and construction
- ‣ Technological Entrepreneurship and innovation

Passions

- ‣ Ride motorcycles and drive sport cars
- ‣ Cook
- ‣ Fitness life and biohacking
- ‣ Brewing beer
- ‣ Mechanics

EDUCATION

Master of Bussiness Administration (MBA)

UNIVERSITY OF CHILE

May 2020 to 2021

MBA in progress, at the School of Economics and Business of the University of Chile, to enhancing my skills in areas of business, management and business, which, added to my extensive technological background, consolidate me as a professional, Able to tackle contingent problems of companies and people, from a comprehensive business perspective, value creation and passion for technology.

Scrum Foundation Professional Certicate (SFPC)

CERTIPROF

Since 2020

Profesional SCRUM certificate. Credential number: TLSVGDZLKG-MMXHWMHQ-RPFPLLJFLJ

Diploma in commercial and sales teams direction

ADOLFO IBÁÑEZ UNIVERSITY

Since March 2020

Diploma completed to enhancing my sales skills and commercial strategies applied to the technological field. Like wise obtain skills to carry out technology sales processes.

Diploma in leadership and management of high performance teams

ADOLFO IBÁÑEZ UNIVERSITY

Since March 2020

Diploma completed to enhancing my skills in the management of engineering and design teams, applying and promoting leadership in each of the members of these teams.

Scrum Master Accredited Certication

INTERNATIONAL SCRUM INSTITUTE

Since 2020

Certified Scrum master by International Scrum Institute. Credential number: 34036160793155

Computer Science Engineering

SAN SEBASTIAN UNIVERSITY

March 2015 to December 2017

I was trained in technology and engineering areas to addressing technological initiatives that promote changes in users and impact in their process, from a high-level perspective, with an emphasis on resource management and technological quality. Also develop skills in team leadership and development methodologies.

High School

LICEO ARRIARAN BARROS

March 2002 to December 2005