

PABLO MANSILLA

Software Engineer



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WHO AM I

I enjoy the design and implementation of technological projects, especially over Internet, always generating products and services user friendly and useful

LANGUAGES

spanish
english

OTHERS

arduino
raspberrypi
electronic

CODING

source control
ci/cd
agile
java
.net
mono
python
node.js
golang
c

FRONTEND

html
css
javascript
typescript
bootstrap
jasmine
angular
react
vue.js
mfp

BACKEND

mysql
postgresql
mssql
mongo db
redis
rabbitmq
maven
restful
json
xml

DEVOPS

docker
swarm
kubernetes
api connect
ibm cloud
linux
microsoft
vmachine
monitoring
scripting

EDUCATION

- 2013 **Silicon Valley Immersion**, Workshop at the San Francisco University
- 2011 **Master in Technological Innovation and Entrepreneurship**, Universidad Técnica Federico Santa María, Santiago of Chile
- 2010 **Information Technologies Projects Management**, Universidad Técnica Federico Santa María, Santiago of Chile
- 2009 Posgrade Diploma, **Experimental Photografical Creationship**, Universidad de Chile
- 2007 Bachelor of **Software Engineering**, Universidad Austral de Chile
- 2003 **Software Engineering**, Universidad Austral de Chile

EXPERIENCE

IBM

2017/11 - Present

Software Engineer

I participate in multiple software development projects for IBM, each executed at different clients, many of them banks. All the projects were developed for the Cloud and share a similar architecture, it begins with a mobile application, which consume multiple APIs deployed in Mobile First Platform which consume APIs deployed in API Connect, those compose or aggregate multiple microservices deployed in Kubernetes. I did not only develop software, but also manage server and clusters, fine-tune performance, calculate volumetry and integrate different services in customer dependencies. I also designed and implemented development flows and tools for the team, using Gitlab and Bash

Git / Docker / Kubernetes / Api Connect / MFP / Golang / Java / NodeJS / Linux / JMeter / Scripting / MongoDB

Corporación de

Desarrollo

Tecnológico

2015/03 - 2016/12

External Evaluator for Innovation Projects

I evaluate proposals for technological projects submitted to multiple CORFO innovation contests, analyzing its technical, financial and commercial merit, to determine the viability and adherence to the contest's bases

Projects evaluation / CORFO / Innovation

Schibsted Chile

SpA

2013/08 - 2016/12

Software Engineer

Schibsted is an Norwegian international media group. In Chile runs the Yapo.cl online classified site. I did work developing and integrating new features to the site and improving the internal software development flow. The site core is written mainly in C and PHP, and it is being migrated to a model of microservices written in Golang with a REST interface. The team works in interdisciplinary and autoorganized groups using some artifact and ceremonies from Scrum like the daily meeting, sprints, retrospective, etc. We also use a Kanban to focus, visualize and communicate the sprint advances. We used a process to deliver to production environment that includes automated testing and manual revision in Develop and QA environments, and continuous integration using Jenkins integrated to Gitlab using Docker

Scrum / Agile / Kanban / Git / Jenkins / Docker / NodeJS / Golang / PHP / Python / C / RabbitMQ / PostgreSQL

Idontek 2011/05 - 2011/10	Technical Leader Co-founder of this Startup, where I did design and setup an electronic platform to generate and manage project using Open Source tools like SugarCRM, Subversion and Redmine. The core is written in .Net. The Startup is part of the Microsoft's BizSpark program BizSpark / Visual Studio .Net / SugarCRM / Subversion / Redmine
BellTech S.A. 2010/04 - 2013/05	External Software Engineer I worked as an External Engineer, developing software projects in different departments. Most of the projects were developed using framework .Net, writing data providers used to connect the auto service machines from Belltech with the client's data sources. I did also worked with the Interactive Voice Response department, developing tools to store and convert data generated by the systems. I also design and implement a Continuous Integration circuit using TFS, Teamcity, Redmine and Moodle Visual Studio .Net / SOAP / APIs / AJAX / MySQL / TFS / ATM / TeamCity / Continuous Integration / Redmine / Moodle
Universidad Austral de Chile 2004/08 - 2008/01	Teacher Teacher for the class 'Technological Research Seminar', dictated every second semester in the carrer Computer Engineering in the Puerto Montt Campus. Through the class we investigate robotics, creating out own robots, using computer parts and our own electronic and mechanic, working in a Linux environment. We design an open architecture, creating apps to control our robots and drivers to interact with the hardware. In time we create new versions of this platform, designing a framework to develop project that require hardware integration, using Linux, called Monobotics, based on Mono Linux / PCBot / Mono / Monobotics / Hardware / Robotica / Drivers
Mercatus SpA 2004/04 - 2012/04	Software Engineer I did start working as Software Developer using Microsoft technologies and managing a Linux based network. One of the projects developed during this period was a web Rapid Application Development (RAD), wroted mainly in Javascript, using ASP.Net to access to persistence tier implemented in SQL Server 2005. Using this tool we develop multiple projects in different companies in the area. In relation with Network Administration I did setup and manage multiple services required by the office using servers running VMWare and RedHAT In the year 2012 the company was acquired by the norwegian company Mercatus, so we migrated our services from Linux to Microsoft, maintaining the use of VMWare and ESXi. In this period we develop web projects using the .Net framework 3.5 and 4.0 with SQL Server 2005 and 2008 also Reporting Services and DotNetNuke. Also I did participate in the design and implementation of best practices and services for continuous improvement for our workflow, using Scrum and Continuous Integration In the year 2010 I left the team, but I keep working remotely, maintaining and adding new features to the systems developed before, using Microsoft SQL Server 2005, 2008 and Reporting Services Visual Studio .Net / Linux / Microsoft / VMWare / ESXi / Scrum / Subversion / Mono / RAD / Continuous Integration