PABLO MANSILLA

Software Engineer

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ABOUT ME

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

IDIOMS
- spanish
- english

OTHERS
- arduino
- raspberry
- electronics

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
- rabbit mq
- cloudant
- restful
- json
- xml

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

EDUCATION

2022	Postgrade Diploma, **RedTeam**, Universidad de Santiago de Chile
2021	Diploma, **Visual Arts Extension**, Universidad de Chile
2013	**Silicon Valley Immersion**, Workshop at 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

Walmart Chile
2022/06 - 2023/03

External Software Engineer

I participate in the design and development of a set of microservices writen in Golang and orchestrated with Kubernetes. We also integrated different technologies with the services, like Microsoft SQL Server, Redis and Kafka. Every service should comply with the company's software quality model

Git / Docker / Kubernetes / Golang / NodeJS / Linux / WCNP / Microsoft SQL Server / Redis

I B M
2017/11 - 2022/02

Software Engineer

I participate in multiple software development projects at IBM, each executed for different clients, most of them banks. All of it designed for the Cloud with a common architecture, a Web or Mobile client, APIs running on API Connect and Microservices orchrestated with Kubernetes. I have not only developed software, but also managed servers and clusters, fine-tune performance, calculated volumetry and integrated different services in the customer dependencies. I also designed and implemented development flows and tools for the team and for the client

Git / Docker / Kubernetes / Api Connect / Golang / Java / NodeJS / Linux / Scripting / Cloudant / OpenShift

Corporación de Desarrollo Tecnológico
2015/03 - 2016/12

External Evaluator for Innovation Projects

I evaluated 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, it runs the Yapo.cl online classified ads site.   I worked 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 which at the time was being migrated to a model of microservices written in Golang with a REST interface.   The team worked in interdiciplinary and auto-organized groups using some artifacts and ceremonies from Scrum like the daily meeting, sprints, retrospective, etc.   We also used a Kanban to focus, visualize and comunicate 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 / Git / Jenkins / Docker / NodeJS / Golang / Python / C / RabbitMQ / PostgreSQL

Idontek
2011/05 - 2011/10

Technical Leader

Co-founder of this Startup, where I designed and setup an electronic platform to generate and manage projects using Open Source tools like SugarCRM, Subversion and Redmine.   The core is written in .Net. The Startup was part of the Microsoft's BizSpark program

BizSpark / Visual Studio .Net / SugarCRM / Subversion / Redmine

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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 also worked with the Interactive Voice Response department, developing tools to store and convert data generated by the systems.   I also designed and implemented a Continuous Integration circuit using TFS, Teamcity, Redmine and Moodle

Visual Studio .Net / SOAP / APIs / MySQL / 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 Computer Engineering program in the Puerto Montt Campus. During these years, we investigated robotics, creating our own robots, using computer parts, our own electronics and mechanics, working in a Linux environment. We designed an open architecture, creating apps to control our robots and drivers to interact with the hardware. In time we created new versions of this platform, designing a framework to develop projects that require hardware integration, using Linux, called Monobotics, based on Mono

Linux / PCBot / Mono / Monobotics / Hardware / Robotica / Drivers

Mercatus Chile SpA
2004/04 - 2012/04

Software Engineer

I started working as a 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), written mainly in Javascript, using ASP.Net to access to persistence tiers implemented in SQL Server 2005. We developed multiple projects using this tool in different companies in the area. In relation to with Network Administration I setup and managed multiple services required by the office using servers that run on 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 developed web projects using the .Net framework 3.5 and 4.0 with SQL Server 2005 and 2008 also Reporting Services and DotNetNuke. Also, I participated 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 kept 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