IVAN FRAIXEDES

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MAIN WORKING EXPERIENCE

April 19 – current / **Senior Software Engineer** / Storj Labs / Remote
Storj Labs develops and operates open-source decentralized cloud storage compatible with AWS S3.

I joined Storj when the product was in alpha to develop new features for launching the first production release. I contributed to the maintenance of the software and supported the community of contributors and Storage Node operators.

In October 2020, I joined the infrastructure team to work on configuring and codifying infrastructure (Kubernetes, Helm, Terraform, Sops, Jenkins, Salt, etc.) and developing internal software to serve company needs.

In October 2022, a new traversal team was created for supporting to the rest of the teams working on the different vertical products. I've been part of this team since that. Depending on the company's needs I'm working as a DevOps Engineer and Software Engineer, using a vast of technologies such as Terraform, Terragrunt, Docker, Jenkins, Google Cloud, Go, and Shell Script.

 Apart of my role, I implemented the Uplink Rust bindings.

Main technologies used: Go, Docker Terraform, Google Cloud, Jenkins, distributed and decentralized systems.

January 17 – April 19 / **Senior Software Engineer** / Cycloid / Remote
Cycloid is developing a DevOps platform based in open source systems, to help developers to deploy their applications with the best DevOps best practices.

I joined the company as the first software engineer to work full-time in the product that the company is developing.
I bootstrapped the frontend with VueJS. Later, another new software engineer and I bootstrapped and designed the architecture of the backend.
Main technologies used: Go, MariaDB, Docker, AWS, Javascript (vanilla & VueJS)

March 16 - December 16 / **Senior Software Engineer** / Xact LLC / Remote
Xact offers live tracking systems and leaderboards for participants of big sport competitions

I joined as contractor working on the backend of a new registration platform for big sport events. The backend was built in Go in a micro service architecture using Go-kit. The database of each micro service, when needed was PostgreSQL; Docker was used for development and LXC for production, where I also had some minor task with it.
The project was a spin-off, however it was closed right before it was going to be put in place due to business constraints, on September 16; my contract finished but company hired me to join the tech team to help them to update the legacy systems which were the core business of the company, a tracking participant system for big sport events. During this period I mainly worked with Go (backend) and Angular & Polymer (frontend).
Main technologies used: Go, PostgreSQL Docker, AWS, Javascript (vanilla, AngularJS 1 & Polymer).

February 16 – February 16 / **Senior Software Engineer** / Freelance / Remote & Barcelona (Spain)

During this month I was looking for a new big project or start-up to join, meanwhile I worked in some small (with tough deadlines) projects.
Main technologies used: PHP (CodeIgniter), Apache HTTP server, RiotJS

October 13 - January 16 / **Senior Software Engineer** / Visii / London (UK) & Remote
Visii recommends and displays products your customers didn't realize they want based on their visual preferences.

I joined the company as the third software engineer; I worked in variety of topics; when the company was doing research and development of the algorithms of visual discovery algorithms which, later on were patented, I worked in proof of concepts that showed those to potential investors and partners; later on I worked in the development of the core systems to offer such technology through a SaaS business model, so things as big amount of clients, traffic and computation, were requirements of them.
Main technologies used: NodeJS, Go, PostgreSQL, RabitMQ, Docker and AWS.

October 12 - October 13 / **Software Engineer** / iWaz.at / Birmingham (UK)
iWaz.at was a free app designed for both event attendees and organizers.

I joined to the founder to bootstrap the company.
I created its whole system platform from scratch, so I faced with all the stages that requires to build a web system application for an internet service company. I chose the technology stack to use, I designed the whole architecture and I developed everything until I left.
I had also to deploy the MVP's and alpha versions in the cloud (Amazon WS and Rackspace).
I could say, that I did everything that was needed as it was the only software engineer working on it.
Main technologies used: NodeJS, MongoDB, Redis and Javascript (vanilla & AngularJS 1).

August 12 - October 12 / **Software Engineer** / Brainworks solutions / Remote
Brainworks is a small, but very professional and ambitious, Software Development and Information Technologies consultancy.

I worked remotely from UK developing the an MVP of an internal tool for importing product catalogue databases from Tek Data distributor into Prestashop, while I was trying to acquire some small clients.
Main technologies used: PHP (Prestashop) and MySQL.

March 12 - July 12 / Moved to the UK

I moved to London (UK) in order to return back to my software engineer professional career, but how that's understood and applied by tech start-up companies.
During these 3 months, I settled in London and discovered the tech and start-up ecosystem that it started to flourish mid of 2011.
I started to learn by myself NodeJS, some NoSQL databases and some new frontend frameworks (Dojo Toolkit & AngularJS)

November 07 - Februay 12 / **CIO of Barcelona HQ** / Esteyco S.A.P / Barcelona (Spain)
Esteyco is a Spanish civil engineering firm with several offices in Spain and across the world.

My main tasks were:
- Managed the budget and negotiated prices for the Information Technologies (IT) department.
- Project management for several departments involving outsourcing to IT companies.
- System administration of Microsoft Windows Server Family (2000, 2003, 2008), Microsoft Windows Client family (XP, Vista 7), Microsoft Active Directory, Microsoft DFS and RFS, Microsoft WSUS, IBM Lotus Notes, several security suits (Anti-virus, Firewall, Unified Threat Manager), VPNs.

June 05 - May 07 / **Junior Software Engineer** / MGS / Barcelona (Spain)
Spanish insurance company.

I worked in a few large projects collecting technical specifications, writing technical documents and doing development.
Main technologies used: J2EE, WAS (IBM), SQL Server, Business Objects and Sybase IQ.

July 04 - June 05 / **Junior Software Engineer and Researcher** / DMAG / Barcelona (Spain)
Research group, of UPF university, focused on Digital management of rights, Metadata interoperability, Multimedia search, Security and privacy and Ontologies and semantics.

I worked in the implementation of the proof of concepts of some papers presented by the research group and work in the technical specifications and development of a large European project.
Main technologies used: C, C++ and OpenSSL.

EDUCATION

September 01 – June 05 / Pompeu Fabra University (UPF) / Barcelona Spain BSc in Computer Science.

I also have taken several courses and reading a variety of books about:
- Software and systems architecture.
- Software development.
- Leadership and team management.

MOTIVATIONS

- Open source, using it bu also making some contributions to existing projects and personal ones (see my github account).
- Software Engineering: architectural patterns, maintainability, reusability, good practices, clean code, reliability (Test Driven Development, including unit, integration and end to end tests), Domain Driven Design, code reviews.
- Distributed systems, currently very interested in Kubernetes, which I learned part of it by myself.
- Computer systems (networking, storage).
- Programming languages.
- Being a team player.

GENERAL INFORMATION

- Spanish citizen with right to work in any European Union country without restriction.
- Languages: Spanish and Catalan (Native), English fluent which I use everyday for my daily professional life.
- I'm analytical, pragmatic, organized, disciplined and have a strong work ethic.
- I love automation.
- Checking my Github profile is highly appreciated, if it has too much things which requires to much time, you could always ask to me to point you to some specific repos and contributions.