



# MARIANO BENEDETTINI

SOFTWARE ENGINEER

 Argentina

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## ABOUT ME

T-Shaped Software Engineer with a specialization in Infra/Platform Engineering. I have experience in a variety of organizations in the US, ranging from small startups (Glide) to Fortune 500 Companies (Compass), plus working as a Software Engineer for ventures all around the globe.

What I've been up to lately? Go ahead and check my blog: <https://marianobe.cc>

## EXPERIENCE

### Senior Engineer

February 2024 - present

Span (US)

- Helped in driving the splitting of the one database into main and analytics, carefully moving customer datasets to a new RDS instance without any downtime, necessary for the next generation of the data pipeline.
- Drove and executed the migration off two different vendors to a standard EKS Cluster using FluxCD for Continuous Delivery, resulting in a considerable decrease of the overall infrastructure spendings.
  - Created a few reusable Terraform modules used for both production and staging clusters.
  - Separate node groups according to workloads.
  - Istio for the Ingress infra
  - Migrated the in-house app, Airbyte and Dagster into the new clusters.

### Engineering Manager

April 2021 - January 2024

Compass (US)

I had a double role, first being an Engineering Manager of teams closely related to Glide, supporting a group of 12 people, and then growing the Argentina based team from 10 people to 30+, assembling a recruitment team along the way.

- Created and led an Android team that built and launched the Glide Android app from scratch.
- Led the implementation of data privacy policies and tools for a successful compliance of CCPA for Glide. This included the complete implementation of an integration with DataGrail to help manage and process users requests.
- Managed teams related with every aspect of Glide, such as Web, Data and Mobile iOS Engineering to ensure its Business continuity.

### Software Engineer & Engineering Manager

March 2019 - March 2021

Glide (US)

Glide is a Real Estate Transaction Management Software, designed to help property managers fill forms, electronically sign documents, ensure compliance and make TCs and Agents lives easier. I wore many hats: Software Engineer, Engineering Manager and Argentina Regional Coordinator.

- I was the first hire of Glide in Argentina and drove the growth of the team up to 10 people.
- I ran a production application with ~6k daily active users with high availability while keeping costs to a budget.
- Engineered different features of the Glide Application using Python (Flask), NodeJS and React.

## Founder

April 2017 - February 2019

Codexia (Argentina)

I Co-founded a small development agency, completely managing two projects including a small team of 3 Engineers. We successfully delivered three customer-facing products based on my proven stack composed of LoopbackJS (back end) + PostgreSQL (database), Angular + Material Design (web front end) and NativeScript for mobile apps when needed.

## Senior Software Engineer

April 2016 - March 2017

PayrollPanda (Malaysia)

I worked on their two products: PayrollPanda and Jibble. Both were based on NodeJS, MongoDB and Backbone. Some important things I've accomplished:

- Simplified architecture with the replacement of a RabbitMQ instance with a much simpler job scheduler (Agenda).
- Introduced automated tests and a reliable build and deploy process to Heroku through Travis CI Server.

## Software Engineer

May 2015 - March 2016

GreyStar Solutions / Zija (US)

Perl Developer. I fixed bugs, implemented new features and made some recommendations to modernize a rather old-styled MLM (multi-level marketing) system written in Perl and using MySQL.

## Software Engineer

November 2013 - May 2015

Onapsis (Argentina)

Being the frontend architect and lead developer for Onapsis (Yeoman, Grunt, Bower, RequireJS, BackboneJS, jQuery) I created the first version of the modern FE for their main product.

## Software Engineer

May 2012 - October 2013

CuatroGC (Argentina)

Along with three friends we launched a small startup.

I was PM and Developer on a project: Dingo: An online Bingo game engine 100% written in Javascript. Technologies involved: NodeJS, ExpressJS, BackboneJS, Twitter Bootstrap.

## Software Engineer

May 2009 - April 2012

Bet3000 (Germany)

Sports betting company based in Munich, Germany.

- I worked as a Full-stack Engineer. Added complexity because of the big amount of db transactions in real time that the site supports (MySQL) due to live bets (Perl + MySQL + PrototypeJS + jQuery).
- I proposed Chef as an automated tool to manage Kiosk terminals spread all over Germany that we implemented with the DevOps team. Still being used.

## Different Software Engineer and SysAdmin roles

February 1999 - April 2009

During this period I had 7 different roles where a few accomplishments that stand out are:

- Developed a client-side app for an Internet Kiosk App using Mono (.NET) on Linux
- Migrated root nameserver for the .ar zone from OpenBSD to FreeBSD.
- Deployed Y2K patches on Sun Solaris Servers

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## EDUCATION

4-year Bachelor in Information Systems at the Universidad Tecnológica Nacional.