

# Martín Montes Pérez

## Senior Software Engineer

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### About me

Experienced software engineer with a demonstrated history of working in worldwide impact projects and products.

I am very enthusiastic about my work and always motivated to take new challenges, specially when it comes to use cutting edge technologies to solve real world problems. Also eager to learn everyday and collaborate with others.

My area of expertise is **Kubernetes** and **Go**, where I invest a considerable amount of my time. I am currently engaged in the development of my open-source projects, such as [mariadb-operator](#), and occasionally contribute to various Kubernetes ecosystem projects, including cert-manager and Prometheus.

I am currently working as a **Senior Software Engineer** at **MariaDB Corporation**, where I maintain [mariadb-operator](#). My main responsibilities include developing new features for the operator, supporting our vibrant community, and contributing to the development of an enterprise version of the product.

### Experience

Senior Software Engineer (Remote) November 2023 - Present  
[MariaDB Corporation](#)

As a maintainer of [mariadb-operator](#), my key responsibilities include:

- Designing and developing new features for the open-source operator.
- Building an enterprise version of the operator based on the open-source foundation.
- Providing support to our vibrant open-source community and customers.
- Collaborating closely with the product, support, sales, and partnerships teams at MariaDB.

The technology stack used to build the product consists of:

- Go
- Kubernetes. OpenShift
- Docker. Red Hat UBI
- GitHub actions

Senior Software Engineer (Remote) Oct 2021 - November 2023  
[Form3](#)

As a member of the multi-cloud platform team, I took part in building a payments platform that run in multiple Kubernetes clusters in the three major cloud providers.

- AWS. GCP. Azure
- Kubernetes. Managed and Bare Metal
- Go
- GitOps. FluxCD
- Vault. cert-manager
- Terraform
- CockroachDB
- NATS
- Cilium
- Prometheus. Grafana. Fluentd

### Skills

Kubernetes



Go



Platform Engineering



Cloud Computing



Databases



Distributed Systems



Software Architecture



### Languages

English (Professional working proficiency)

Spanish (Native)

### Certifications

Certified Kubernetes Administrator -  
[LF-5u8pn35qcp](#)

Certified Kubernetes Application Developer - [LF-oeaix9dx1r](#)

### Publications

[Run and operate MariaDB in Kubernetes with mariadb-operator](#), MariaDB Foundation, Jul 2023

[Securely Ingressing into Bare Metal Kubernetes Clusters with Gateway API and Tailscale](#), ITNEXT, Dec 2022

[Building a Highly Available Kubernetes Operator Using Golang](#), Better Programming, Aug 2021

[3 Concurrent Patterns Used in Golang](#), Better Programming, Dec 2020

## Senior Software Engineer (Remote)

Jan 2021 - Oct 2021

### Atani

As a member of the real time team, I participated in the development of cloud native microservices for processing real time cryptocurrency data.

- Go
- NodeJS
- REST. RPC. Websockets. GraphQL
- NATS
- Event-driven architecture. CQRS
- Redis. ETCD. MongoDB
- PostgreSQL. ClickHouse
- Docker. Kubernetes. Helm
- Prometheus. Grafana. Elastic stack
- Azure

## Senior Software Engineer (Remote)

Jul 2018 - Jan 2021

### Nomasystems S.L.

Backend development for a worldwide impact retailer company.

- NodeJS
- REST. GraphQL
- ActiveMQ
- MariaDB. CouchBase
- Docker. OpenShift
- Prometheus. Grafana. Graylog

## Software Engineer

Jun 2016 - Jul 2018

### Nomasystems S.L.

Development of iOS eCommerce apps for a worldwide scale retailer company.

- Swift. Objective-C
- XCode

## Software Engineer

Jul 2014 - Jun 2016

### ITG Instituto Tecnológico de Galicia

Javascript development of projects from the tourism field.

- NodeJS
- MongoDB. PostgreSQL
- BackboneJS

## Trainee

Oct 2013 - Jul 2014

### ITG Instituto Tecnológico de Galicia

Javascript development of projects from the industry field.

- NodeJS
- MongoDB
- AngularJS

## Education

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### Master's degree in Computer Science

2014 - 2016

#### Universidade de A Coruña

### Bachelor's degree in Computer Science

2009 - 2014

#### Universidade de A Coruña