

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 both 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



Databases



Platform Engineering



Cloud Computing



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

Master's degree in Computer Science

2014 - 2016

Universidade de A Coruña

Bachelor's degree in Computer Science

2009 - 2014

Universidade de A Coruña