

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 independent open-source projects, such as [mariadb-operator](#), and occasionally contribute to various Kubernetes ecosystem projects, including cert-manager.

Currently, I am working as a senior software engineer in a London scaleup company called [Form3](#). We are building a multi-cloud platform on top of Kubernetes for processing payments in the three major cloud providers.

Experience

Senior Software Engineer (Remote)

Oct 2021 - Present

[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 different cloud providers.

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

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

Skills

Kubernetes



Go



Platform Engineering



Cloud Computing



Databases



Distributed Systems



Software Architecture



Languages

English (Professional working proficiency)

Spanish (Native)

Galician (Native)

Certifications

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

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

Erlang Foundation Certificate -
ESL20130909-01

Certificate in Advanced English -
A4557432

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](#)

Publications

- [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
- [CI/CD for a Multi-Arch Golang Application Using GitHub Actions, Helm and Kubernetes](#), ITNEXT, Apr 2021
- [3 Concurrent Patterns Used in Golang](#), Better Programming, Dec 2020
- [Deploying a Microservice-Oriented Application to Kubernetes, from Zero to Production](#), ITNEXT, May 2020
- [Real-Time Sensor Data Visualisation Using ReactJS, NodeJS, Socketio and Raspberry Pi](#), ITNEXT, Mar 2020
- [Building an In-Memory Index with JavaScript](#), ITNEXT, Feb 2020