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'm 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 time exploring and contributing to open source. I'm also Certified Kubernetes Administrator and Application Developer.

Currently, I am working as a senior software enginer in a London scaleup company called Form3.

Experience

Senior Software Engineer   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
- GitOps. FluxCD
- CockroachDB
- NATS
- Cilium
- Prometheus. Grafana. Fluentd
- Go
- DevSecOps. Terraform. Vault

Senior Software Engineer   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
▰▰▰▰▰▰▰▰▱

Distributed Systems
▰▰▰▰▰▰▰▰▱

Software Architecture
▰▰▰▰▰▰▰▰▱

Cloud Computing
▰▰▰▰▰▰▰▱▱
AWS. GCP. Azure

API
▰▰▰▰▰▰▰▱▱
REST. GraphQL. Websocket. gRPC

Databases
▰▰▰▰▰▰▰▱▱
PostgreSQL. Redis. MongoDB. ETCD

DevSecOps
▰▰▰▰▰▰▰▱▱
GitOps. IaC. Bash. Terraform. Vault

Languages

Spanish (Native)
Galician (Native)
English (Professional working proficiency)

Certifications

Certified Kubernetes Administrator - LF-5u8pn35qcp

Certified Kubernetes Application Developer - LF-oeaix9dx1r

Erlang Foundation Certificate - ESL20130909-01

Certificate in Advanced English - A4557432

Software Engineer   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 tourism field.

- NodeJS
- MongoDB. PostgreSQL
- BackboneJS

Trainee   Oct 2013 - Jul 2014

ITG Instituto Tecnológico de Galicia

Javascript development of projects from 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

- Building a Highly Available Kubernetes Operator Using Golang, Better Programming, Aug 21
- CI/CD for a Multi-Arch Golang Application Using GitHub Actions, Helm and Kubernetes, ITNEXT, Apr 21
- 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