

# Martín Montes Pérez

## Senior Backend Engineer

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### About me

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

I'm always looking for new challenges and trying to use cutting edge technologies to solve real world problems. To achieve that, I have been focusing on **Golang**, **NodeJS** and **Kubernetes** by developing my own open source projects, for example [gotway](#), a simple HTTP API Gateway powered with in-redis cache. I've also contributed to other open source projects like [CLI](#), the GitHub's official command line tool.

Currently, I am working in a Spanish startup called [Atani](#). We are developing a cryptocurrency platform that aggregates multiple exchanges and provides an unified trading experience to the user in a simple app.

### Experience

#### Senior Backend Engineer

Jan 2021 - Present

##### [Atani](#)

Design and develop cloud native microservices for processing real time cryptocurrency data.

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

#### 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

### Skills

#### Golang



#### NodeJS



#### API



REST. GraphQL. Websockets. gRPC

#### NoSQL



Redis. MongoDB. ETCD

#### SQL



PostgreSQL. MariaDB

#### Containerized Applications



Docker. Kubernetes. Helm

#### Architecture



Event-driven architecture. CQRS. Microservices

#### DevOps



Git. Bash. Monitoring. CI. CD

### Languages

**Spanish** (Native)

**Galician** (Native)

**English** (Professional working proficiency)

### Certifications

**Certificate in Advanced English**  
(A4557432)

**Erlang Foundation**  
**Certificate** (ESL20130909-01)

## 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

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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

Software Engineering

## Publications

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- [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

## Courses and conferences

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- Erlang Express, Erlang Solutions Ltd., 20h
- Developer Training for Apache Spark, Cloudera, 48h
- React Alicante 2019
- MEAN FullStack Javascript course, Vitae Consultores, 40h
- Building Blocks of Express.js, CodeSchool, 8h
- ES2015: The Shape of JavaScript to Come, CodeSchool, 8h
- Powering Up With React, CodeSchool, 8h
- Anatomy of Backbone.js Part 2, CodeSchool, 8h
- Anatomy of Backbone.js, CodeSchool, 8h
- Staying Sharp with Angular.js, CodeSchool, 8h
- Shaping up with Angular.js, CodeSchool, 8h
- App Evolution With Swift, CodeSchool, 8h
- Intro to iOS App Development with Swift, Udacity, 20h
- Try Objective-C, CodeSchool, 5h