

## SOBRE

I'm a Control and Automation engineer passionate about software development. I started my career in 2012 programming for PLC (Programmable Logic Controller). Also, I worked developing SCADA (Supervisory Control And Data Acquisition) systems and some desktop applications using C#.

In 2015, I started to learn about Web development with Java, and then in 2016, I started my journey with Web development (using Python/Django) as a freelancer. In 2017 I got my first full-time employee job also working with Python and Django and I've been working with it ever since. Currently, I'm working at Oowlish for Petco (a huge pet company from the US) where I already worked on a set of products. In addition, I've been working with cloud computing services (basically AWS), infra as code tool (Terraform), monitoring tools (APM, Log Analytics, Error Tracking), and also I've been taking care of applications in production.

## EXPERIÊNCIAS

**Lead Software Engineer** Jan 2020 - present  
Oowlish

In addition to software development, I led a team during the development of a new product for one of our clients (for around 8 months) and also I'm still helping other teams to improve their products (reliability, scalability, performance) in order to deliver the best for our clients.

**Software Engineer** May 2018 - present  
Oowlish

At Oowlish I've been working mostly for Petco (a huge pet company from the US). There, I've been working on products that impact thousands of people every day. Our main tech stack is Python, Django, Django REST Framework, Graphene (GraphQL framework), and PostgreSQL as a relational database, but not limited to that.

Also, I'm involved in the applications' infrastructure management and operations. We automate processes as much as possible using IaC tools such as Terraform and CI/CD tools such as Gitlab CI, and Jenkins. Also, we run our workloads on AWS (Lambda, ECS, RDS, Elasticache, Elasticsearch, KMS, DynamoDB, S3, API Gateway, CloudFront).

In addition, we understand how important is to monitor our applications and we're using services such as AWS CloudWatch, New Relic, Sentry, SumoLogic, and PagerDuty to keep eyes on our applications' health.

**Python Developer** Oct 2017 - Apr 2018




# Lincoln Martins

Software Engineer

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## EDUCAÇÃO

**Specialization in Software Engineering focused on Software Patterns**

**Universidade Estadual do Ceará**

Jan 2016 - Jun 2017

**Bachelor's degree in Control and Automation Engineering**

**Universidade de Fortaleza**

Jan 2009 - Dec 2014

## PRINCIPAIS HABILIDADES

Python  
Django

## GeoMK

- Development of web applications using Django and Django REST Framework
- Usage of VCS system (git)
- TDD
- PostgreSQL

## Control and Automation Engineer DPM Engenharia

Jan 2013 - Apr 2015

- Development of desktop applications with C# (Windows form, WPF, Entity Framework, Ninject, MS SQL Server);
- PLC Programming (Siemens S7-200, S7-1200, S7-300, S7-ET200, Allen-Bradley Micrologix, SLC 500);
- HMI development (Siemens WinCC Flexible);
- SCADA System development (Elipse SCADA and Elipse E3);
- Commissioning;

## Control and Automation Engineering Internship DPM Engenharia

Jan 2012 - Jan 2013

- PLC programming (Siemens S7-200, Allen-Bradley SLC 500 and Micrologix);
- HMI and SCADA system development;
- Maintenance in automation systems;

## AWS

Design Patterns

## IDIOMAS

English - Upper-intermediate

Portuguese - Native