



FERNANDO ALEGRIA

Senior Software & DevOps Engineer

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WORK EXPERIENCE

Senior Software & DevOps Engineer @ EY AI Innovation Center

Aug 2019 - Present

Global AI product development for Assurance

Built CI/CD pipelines with the aid of GitLab CI/CD to deploy our solution on-premises

Definition and implementation of a Docker-based Django REST API architecture with support for asynchronous tasks and large data volumes and a client based on React and Redux

Set up different environments to support development, QA, UAT and production work

Implementation of a successful multitenant scheme and new features to leverage the existing solution as a global product

Docker

GitLab CI/CD

Red Hat Linux

React

Redux

Reactstrap

Django

MySQL

Redis

Celery

MinIO

Software Engineer @ EY AI Innovation Center

Feb 2018 - Jul 2019

Design and implementation of an OCR solution's data pipeline and web interface

Our solution aims to avoid tedious manual work to find very specific content among a large set of documents. Clients are able to consult the analyses run over their documents, and train the Machine Learning models by correcting any wrong assumptions made by the platform.

Angular

Bootstrap

HTML5

Scss

Django

SQL Server

Redis

Docker

Kubernetes

Azure DevOps

Kibana

Development of an ingestion pipeline to transform raw data into insightful analytics

Our web platform is key to monitor the ingestion process and measure data quality. The entire platform was built with a wide range of cutting-edge technologies and the aid of an Agile software development methodology. Furthermore, Quality Assurance (QA) was enforced to deliver a robust asset, which is helpful across multiple industries.

Vue.js

JS

Socket.IO

Bootstrap

HTML5

CSS3

Django

Python

SQL Server

SQLite

Apache Hive

Selenium

Front-End Web Developer @ Deloitte Digital

Dec 2017 - Feb 2018

Marketing web development for the pharmaceutical industry

Umbraco

AngularJS

HTML

CSS

Full-Stack Web Developer @ Minsait

Oct 2016 - Dec 2017

Development and maintenance of a variety of solutions for the transport and logistics industry

Development of new and existing single-page applications (SPA).

UX Design

Support to solve defects from QA and UAT

Software test plans and functional testing

Ext JS

Java

Spring

Hibernate

SQL Server

Jasper Reports

JUnit

Axure RP

SAP Consultant (Intern) @ Accenture

Aug 2015 - Sept 2015

SAP R/3 Bootcamp

SKILLS & TOOLS

Frontend

JavaScript ES6+

React/Redux

Vue.js/Angular

Backend

Python/Django

Node.js

Java

Database

SQL Server/MySQL

Redis

MongoDB

Cloud

AWS

Azure

DevOps

Docker

GitLab CI/Jenkins/CircleCI

Kubernetes/Docker Swarm

Ansible

Prometheus/Grafana/ELK

EDUCATION

AWS Cloud DevOps Nanodegree

Udacity

Jan 2020 - Present

React Developer Nanodegree

Udacity

Nov 2018 - Apr 2019

BSc in Industrial Engineering

Universidad Politécnica de Madrid (UPM)

2010 - 2015

LANGUAGES

Spanish (Native)

English (Professional)