

JUAN MANUEL SÁNCHEZ LOZANO

Full Stack Developer
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Technical Skills Experience

- Ansible
- AWS
- Bash
- C++
- Django
- Docker
- Frontend optimization
- Git
- HTML5/CSS3
- JavaScript
- jQuery
- Json
- NodeJS
- Python
- ReactJS
- React Native
- Responsive design
- SCSS
- Terraform

Fullstack developer – Mo Tecnologías

Jan/2020 – Present

I've been working with Django and Angular creating different web applications; also, I use ReactJS to create different projects in the company, and giving development training and workshops about ReactJS

Infrastructure engineer – Mo Tecnologías

Feb/2018 – Present

Infrastructure Engineer Junior

I work with Amazon Web Services (AWS) deploying the infrastructure using Terraform, Ansible and Docker, configure vpn's, and research about new technologies to work in AWS, and how to integrate them on the company.

Developer Junior

I created multiple tools to automatize and help many processes in the company, such as a Slack server to handle deployment requests; also, I create a python package with multiple scripts to help development team, and infrastructure team.

Frontend Junior

I created the interface of the dashboard portal of the company, to manage the status of all projects that Mo works with. The Dashboard monitors the vpn's, services, portals and other kind of projects.

Monitor Assistant and Workshop leader – Pontifical Javerian University

2015 – 2017

Monitor assistant in subjects of Algorithmic Thinking, Computer Programing and Data Structures

I had to attend the teacher, answering questions from the students, supporting them in workshops, partials and projects, as well as classes apart from accompaniment in which the students attended with questions.

Algorithmic Thinking workshops through the ACM's student chapter

I had to prepare the workshops about variables, conditionals, functions, and basic data structures in C++ and python, to help students to study for their exams.

Web development workshops

I teach about HTML5, CSS3 and JavaScript, using tools and frameworks as SCSS, and Pug, their workshops, was focused on frontend development, with examples exposed on my CodePen profile.

Education

Pontifical Javerian University

Jan/2014 – Sep/2019

Bachelor's in systems engineering – GPA: 4.2/5.0

Instituto Británico – Sena

Jan/2011 – Jun/2012

Administrative auxiliary labor technician in computer tools

Projects and achievements

Tool to segment and process 3D medical images to help patients with SDRA

Aug/2018 – Jun/2019

Interface to segment and process 3D medical images developed in C++ as degree work

With my team, we develop an interface in C++ using QT5, IVK and VTK to process 3D medical images of lungs to segment and create 3D models to diagnose patients with SDRA

Link: <https://pegasus.javeriana.edu.co/~CIS1830CP02/>

Life empowerment training – Titania

Oct/2018 – Feb/2019

Personal training on human potential and breaking personal limitations

I trained in breaking limiting barriers, and working in different areas of my life, to be focused and 100% committed to the things I do, enjoying the process and getting the best results.

Environment Solutions – Javerian GameJam

Oct/2016

Won the 2nd place in the Javerian GameJam hackathon

I had to present an idea to reduce pollution levels in the aqueduct network of the city of Bogotá. So, me team and I develop the idea and I present it in a webpage.

Repo: <https://github.com/juanmsl/H2OI>

Link: <https://juanmsl.github.io/H2OI/>