

# Jesus Medina

## Sr DevOps Engineer

Creative DevOps Engineer who possesses some experience maintaining modern containerized applications for Fortune 500 companies and Federal Departments. Jesus has also open-sourced multiple applications for the civic betterment of Chicago.

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## WORK EXPERIENCE

### Sr. DevOps Engineer Smoothstack

03/2023 - 12/2023

Fairfax, VA

"Smoothstack is an IT services and solutions provider with a unique ability to create net-new talent through our hire-train-deploy (HTD) approach."

#### Achievements/Tasks

- Contracted with Accenture Federal Services(AFS) to provide DevOps services to the Federal Department of Education.
- Managed production and staging Kubernetes clusters that directly served the Federal Student Aid system.
- Delivered the pilot infrastructure for the new Institute of Education Sciences website.

Contact : Nicole Doyle - [nicole.doyle@smoothstack.com](mailto:nicole.doyle@smoothstack.com)

### DevOps Engineer Smoothstack

07/2021 - 03/2023

Fairfax, VA

#### Achievements/Tasks

- Developed a project plan to cutover AFS Openshift clusters over to ROSA.
- Facilitated week-long DevSecOps boot camps for internal employees at Accenture Federal Services.
- Developed and deployed modern microservices.

### React Developer LaunchPad Lab

11/2020 - 04/2021

Chicago, Illinois

LaunchPad Lab is a Chicago-based web design & development firm who builds professional web applications for startups and established businesses.

#### Achievements/Tasks

- Designed and developed reusable utility functions and custom UI components using React.
- Worked with a Ruby on Rails API.
- Coordinated with project managers, senior engineers, and designers.

Contact : Ifat Ribon - <https://www.linkedin.com/in/ifatribon/>

### DevOps Engineering Intern Dom and Tom

06/2018 - 01/2019

Chicago, Illinois

Dom and Tom is a product agency that helps Fortune 500 companies and next generation startups build the future of digital.

#### Achievements/Tasks

- Utilized Docker for containerizing applications for startups/Fortune 500 companies, such as Tyson Foods and Pfizer Inc.
- Provisioned and deployed containers using Rancher Orchestration; a Kubernetes based technology.
- Performed over 20 application and database migrations to AWS for Tyson Foods Inc.

Contact : Michael Salisbury - <https://www.linkedin.com/in/msalisbu/>

## SKILLS

### Programming Languages

JavaScript, Python, Java

### Front-end Libraries/Frameworks

React, React-Native, Bootstrap, Material UI

### Back-end Frameworks

Node, Django, Spring-Boot

### Databases

MySQL, PostgreSQL

### Cloud Platforms

AWS, Heroku

### DevOps

Kubernetes, Rancher, Openshift, Jenkins, Ansible.

## PROJECTS

### searchcpd.io (03/2020 - Present)

- searchCPD is a Django web application that provides Chicagoans with the ability to search for any Chicago Police Officer by badge number and leave ratings on their interactions with them.
- The project's primary goal is to gather sufficient data to develop custom search algorithms aimed at identifying potential future misconduct among police officers.

### KSF Command Center (08/2020 - Present)

- Automated and centralized communication with healthcare professionals and family members to keep them informed of an emergency funds grant process in order to cut down on one-off communications.

## EDUCATION

### Coding Bootcamp Chi Codes

08/2019 - 11/2019

#### Description

- Learned full-stack Python web development.
- Educational training was provided by the Coding Dojo.
- Program was sponsored by Facebook, Microsoft, and the Rockefeller Foundation.
- Graduated valedictorian.