

Jesus Medina

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

DevOps Sr. Analyst 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.

DevOps Engineer Smoothstack

03/2022 - 03/2023

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

- Developed modern microservices-architected containerized applications from end to end.
- Developed staging and production Jenkins CI/CD pipelines for microservices.
- Facilitated week-long DevSecOps boot camps for internal employees at Accenture Federal Services.

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.

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.
- Performed over 20 application and database migrations to AWS for Tyson Foods Inc.

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

Rancher, Openshift, Jenkins, Ansible

PROJECTS

searchcpd.io (03/2020 - Present)

- Django web app where users can search for any Chicago Police officer by badge number and leave ratings on their interactions with them.
- The project aims to gather enough data on the app to run custom search algorithms and pinpoint potential officers who may abuse their power while policing communities.

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.