Jesus Medina

Sr DevOps Engineer

Agile DevOps Engineer with over 5 years in the field who possesses some experience maintaining modern containerized applications for Fortune 500 companies and Federal Departments.

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WORK EXPERIENCE

Sr. DevOps Engineer
Smoothstack

03/2023 - 12/2023 *Fairfax, VA*

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

DevOps Engineer
Smoothstack ⤢

09/2021 - 03/2023 *Fairfax, VA*

Achievements/Tasks
- Developed a modern microservices-architected containerized application from end to end.
- Deployed microservices utilizing docker-compose to AWS ECS.
- Developed staging and production Jenkins CI/CD pipelines for each microservice.
- 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.

Jr. DevOps Engineer
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/Express.js, Django, Spring-Boot

Databases
MySQL, PostgreSQL, MongoDB

Cloud Platforms
AWS, Heroku, Digital Ocean, Linode

DevOps
Docker, Kubernetes, Rancher, Rehat Openshift, Jenkins, Ansible

PROJECTS

searchcpd.io (03/2020 - Present) ⤢
- Monolithic architected Python-based web app where users can search for any Chicago Police officer by badge number and leave a review about their interaction with them.

expungeio.app (06/2017 - Present) ⤢
- WordPress application determines eligibility for expungement and connects users instantly with Legal Aid lawyers.
- Application has helped over 1000 youth in Cook County Illinois to expunge their records.

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.

AFS DevSecOps Bootcamp pipeline project (04/2022 - 04/2022) ⤢
- Modern DevOps pipeline onboarding project using Nexus, Harbor, and Jenkins.

EDUCATION

Software Engineering 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.