Jesus Medina

Full stack Web Developer

Full stack web developer with experience maintaining modern containerized applications for Fortune 500 companies. Shipped and open-sourced multiple applications for the civic betterment of Chicago.

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WORK EXPERIENCE

React Developer
LaunchPad Lab ↗

11/2020 - 04/2021

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 by implementing serializers to convert model instances to JSON.
- Coordinated with project managers, senior engineers, and designers.

Contact: Ifat Ribon - ifat@launchpadlab.com

Software Engineer
The Difference Engine ↗

08/2020 - 11/2020

The Difference Engine is a non-profit that bridges the gap between education and the real-world workplace.

Achievements/Tasks

- Architected a PERN application for a non-profit in order to reduce time processing user grant applications from 35-40 hours per week down to 3 hours per week.
- Collaborated and coordinated with project managers, designers, and a team of developers in developing agile processes and sprints.
- Designed and wrote production Node.js back-end logic for client project.

Contact: Dan Kaplan - dan@thedifferenceengine.io

DevOps Engineer
Dom and Tom ↗

06/2018 - 01/2019

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.
- Assisted senior DevOps engineers in managing a Kubernetes cluster.
- Provisioned and deployed containers using Rancher Server.
- Assisted in provisioning staging and production environments on AWS.
- Performed over 20 application and database migrations for Tyson Foods.
- Applied Terraform scripts for automating the build of system infrastructure on AWS.

Contact: Michael Salisbury - michael.salisbury@domandtom.com

SKILLS

Programming Languages
JavaScript, Python.

Front-end Libraries/Frameworks
React, React-Native, Bootstrap, Material UI

Back-end Frameworks
Node/Express.js, Django

Databases
MySQL, PostgreSQL, MongoDB

Cloud Platforms
AWS, Heroku, Digital Ocean

DevOps / SRE
Apache, NGINX, Docker, Kubernetes, Rancher, Circle CI, DataDog

PROJECTS

searchcpd.io (03/2020 - Present) ↗
- Open source Django web app where users can search for any Chicago Police officer by badge number and write a review about them, and leave ratings on interactions.
- Users can also upload media directly to officer profiles anonymously.

expungeio.app (06/2017 - Present) ↗
- WordPress application helps determine eligibility for expungement and connects users instantly with Legal Aid lawyers that help organize their case all free of charge.
- Application has helped over 1000 youth in Cook County expunge their records.

KSF Command Center (08/2020 - Present) ↗
- Creating a command center for receiving and managing the grant nomination process that will significantly reduce the manual effort required (35 hours/week down to 2 hours/week).
- Improving, automating, and centralizing communication with the Healthcare Professionals and the Family Members to keep them informed of the process and 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 sponsored by Facebook and Microsoft.
- Graduated valedictorian.