

Jesus Medina

Full Stack Software Engineer

Passionate developer with a never-ending thirst for knowledge. Highly motivated, tech savvy individual with a passion for continuous learning for new technologies. Continuously working towards growing into a better engineer.

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WORK EXPERIENCE

Jr DevOps Engineer

Dom and Tom Inc. [🔗](#)

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.
- 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, Inc.
- Developed an automated process for on-boarding new employees to company by developing a SlackBot for automating GSuite account creation.
- Applied Terraform for automating the build of system infrastructure on AWS.
- Utilized CircleCI for continuous integration/continuous delivery.

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

Web Consultant

Mikva Challenge Foundation [🔗](#)

10/2017 – 09/2018

Mikva Challenge develops youth to be empowered, informed, and active citizens who will promote a just and equitable society.

Achievements/Tasks

- Assisted non-technical partners with managing one of their websites.
- Advised clients on best hosting services for Wordpress.
- Deployed client app and managed system processes.
- Configured DNS nameservers for site.

Contact: James Fields – james@mikvachallenge.org

Contract Web Developer

Smart Chicago Collaborative [🔗](#)

06/2017 – 10/2017

Smart Chicago is a civic organization devoted to improving lives in Chicago through technology.

Achievements/Tasks

- Built a digital resource (expunge.io) to help ease and simplify the expungement process for youth in Cook County, Illinois and surrounding counties.
- Developed an Agile workflow for the project by developing a project plan which encompassed sprints for design, development, launch, and their deadlines.

Contact: Sonja Marziano – sonja.marziano@uilabs.org

SKILLS

Javascript

NodeJS

Python

Django

Flask

MySQL

MongoDB

HTML5/CSS3

APIs

DevOps

Linux

Docker

Amazon Web Services

Azure

Heroku

Apache

Nginx

Git

PERSONAL PROJECTS

Police Accountability App (10/2019 – Present)

- Yelp style full stack Django application where users can search for any CPD officer by badge number or name and write a review about them, and leave ratings on interactions.
- Goal for the project is to get enough data on the app in order to run search algorithms and pin-point potential officers who may abuse power and lead to tragedy.

Expunge.io (06/2017 – Present) [🔗](#)

- Application helps determine eligibility for expungement and connects users instantly with Legal Aid lawyers that help organize their case all free of charge.
- Developed using HTML5, CSS3, Javascript, and jQuery, then later converted into a Wordpress site.

Foody App (07/2017 – Present) [🔗](#)

- Developed a full stack application using MongoDB, Express, and Node.js. App is similar to yelp.
- Utilized the Heroku Toolbelt CLI tool to deploy app to cloud.
- Users can sign in and post food with a description of it.
- Utilized Google Maps javascript API for geocoding restaurants.

EDUCATION

Software Engineering Bootcamp

Chicago Codes [🔗](#)

08/2019 – 11/2019

Description

- Sponsored by Facebook and Microsoft
- Training provided by Coding Dojo
- Graduated Valedictorian

INTERESTS

Artificial Intelligence

Data Science

Automation

Machine Learning

Cybersecurity