FIZAL SARIF

Site Reliability Engineer

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Skills: JavaScript, Python, AWS, React, Docker, Kubernetes, Helm, Github Actions, Jenkins, Terraform, GCP

Experience

Rent The Runway | Senior Site Reliability Engineer

Feb, 2019 - Present

- Manage the orchestration of 60+ services across 4 kubernetes clusters using helm, and terraform.
 Using infrastructure-as-code and gitops strategies.
- Administrate and troubleshoot core infrastructure services such Fastly, Splunk, SignalFX, Signal Sciences, and RabbitMQ.
- Own the SDLC of our in house analytics logging microservice. Written in Go and deployed on AWS, It
 collects millions of data points every hour and logs them to s3 for our Data Team to train ML models
 on to improve our systems.
- Led an initiative to replace Rundeck and Jenkins with Cloud Functions and Github Actions. Delivering a more self-service oriented way to deploy and debug scheduled jobs and builds.
- Implemented a process to use Sonarqube for continuous code quality and coverage analysis across all the company's tech stacks (python, java, ruby, and javascript). Increasing overall code coverage of our PCI compliant applications by 5% in the first month.
- Contributed to ansible playbooks used to provision and manage over 800 virtual machines across 4 environments.
- Worked across teams to cut down our acceptance test suite runtime from 35 minutes to under 20 minutes. Speeding up the process to get code to production.

New York Code + Design Academy | Software Engineer and Instructor

Sept, 2016 - Jan, 2019

- Developed and maintained new features for the school's website and CRM, <u>nycda.com</u>. As well as new tools to support the NYCDA team automating time intensive tasks.
- Created the school's online prerequisite course platform. This increased student retention by making students more prepared for their intensive classes.
- Led a class of 25 students for 12 weeks teaching them JavaScript, Ruby, SQL, Rails, and software engineering practices.

Inclusion

HuddleUp Messaging Inc. | Engineering Intern

Nov, 2016 - Jul, 2017

- Integrated Calabash Framework into the team's workflow for automated acceptance testing.
- Performed manual testing runs for every release and track down regressive bugs.
- Built frontend features for the app in React Native.

Education

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University of the People Ma

May, 2022

Community Involvement

ASc. Computer Science

OOP, Data Structures, Computer Architecture, Data Communication, and Database Design.

General Assembly

Aug, 2016

Web Development Intensive

Node, React, React Native, Ruby, Rails, SQL, NoSQL, Deployment, and UI Development.

Inclusion is a nonprofit that is focused on bringing tech to communities of color. Through my work there over the past few years I've had the opportunity to:

- mentor students and lead part time classes.
- plan web development lessons.
- create tools to aid their operation.