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EXPERIENCE

Yoink LLC

Yoink LLC is an Infrastructure consulting company that provides services to various customers across numerous industries including Fintech and eCommerce.

Infrastructure Engineer Manager

Oct 2023 - current, Remote, USA

- Managed budgets of multiple clients.
- Managed two engineering teams allocated to multiple clients on multiple projects.
- Developed the career progression of team members.
- Managed direct communication with clients to curate the list of requirements per project.
- Designed and implemented a Golang program to automate the migration of Terraform Atlantis to Terraform Enterprise. The implementation required the usage of Hashicorp public libraries to parse and adapt the code to the new platform.
- Designed the solution for various Github self-hosted runners Kubernetes clusters to process Actions that required different CPU architectures that were not offered by Github at the time.

Lead Infrastructure Engineer

Feb 2021 - Sep 2023, Remote, USA

- Led a team of two engineers across different projects such as: upgrade Istio mesh network, Elasticache clusters, and RDS clusters with minimal downtime.
- Planned and reduce the infrastructure expenses based on traffic patterns and historical resources usage.
- Solution architect new integrations of an Elastic Beanstalk application running in PHP.

Senior Infrastructure Engineer

Feb 2019 - Feb 2021, Remote, USA

- Reduced the maintenance burden and hours spent of managing various Kubernetes clusters by migrating them from self hosted KOPS clusters to Amazon EKS with zero downtime.
- Designed and managed a Self Hosted Splunk Cluster in Kubernetes.

Infrastructure Engineer

Dec 2017 - Jan 2019, Remote, USA

- Applied upgrade for AWS RDS and AWS Elasticache clusters with minimal downtime
- Kept the maintenance and creation of monitors, dashboards and alerts in Datadog, Pingdom and Zenduty
- Performed Kubernetes upgrades with zero downtime
- Connected two public clouds (AWS and GCP) exposing both networks through BGP.

Conekta

Senior Ruby Developer

Sep 2016 - Nov 2017, CDMX, Mexico

Conekta is a payment-processing company that operates in Mexico.

- Designed and developed the payments API version 2
- Designed the solution for the migration of the main database in MongoDB to PostgreSQL.

Trebol Bit

PHP Developer

Mar 2016 - Aug 2016, CDMX, Mexico

Jaque

Ruby Developer

Nov 2015 - Feb 2016, CDMX, Mexico

Cursame

Ruby Developer

Aug 2013 - Nov 2015, CDMX, Mexico

SUMMARY

Infrastructure Engineer with experience leading teams across diverse clients and technologies including Kubernetes, AWS, Golang, Python, and Datadog. A persistent problem-solver and dedicated professional who thrives in collaborative environments.

Teaching Assistant at Faculty of Sciences, UNAM

Operating Systems

Fall 2023, Summer 2024, Fall 2024

Computational Geometry

Summer 2014, Summer 2016

Analysis of Algorithms

Summer 2015

Advanced Data Structures

Fall 2013, Fall 2014

SKILLS

Programming Golang, Python, Ruby, C, Bash, Javascript, Clojure, Java, Emacs Lisp

DevOps Docker, Kubernetes, ArgoCD, Spinnaker, Ansible, Jenkins, Github Actions

IaC Terraform, Helm, Crossplane

OS Linux(Ubuntu)

DBMS MySQL, PostgreSQL, MongoDB

Cloud AWS, GCP

EDUCATION

UNAM University CDMX, Mexico
Bachelor Computer Science
2009 - 2013

LANGUAGES

- English (Fluent), IELTS (General Training) overall of 6.5
- Spanish (Native)