DANIEL ALTEON

SKILLS

Methodologies
Agile · GitOps · TDD

Languages & Frameworks
Python · JavaScript · HTML5 · CSS3 ·
Django · ReactJS · NextJS

Cloud Technologies & Containerization
AWS · GCP · Microsoft Azure ·
Terraform · Docker · Kubernetes

Operating Systems
Linux · Microsoft Windows

Version Control & Web Servers
GitHub · NGINX

CI/CD & Automation
GitLab · GitHub Actions ·
Bash Scripting

Databases & Virtualization
PostgreSQL · Vagrant ·
Oracle VM Virtualbox

EDUCATION

Web Development Fundamentals
Nucamp Coding Bootcamp

Data Structures and Algorithms with Python
Nucamp Coding Bootcamp

SQL and Data Modeling with Python
Nucamp Coding Bootcamp

Modern Software Engineering With DevOps
Nucamp Coding Bootcamp

DevOps Engineer

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📍 Union City, NJ   ☆ https://github.com/inventandlearn

SUMMARY

My mission is to craft and sustain efficient pipelines, bolster system reliability, and elevate overall performance. Through a continuous journey of learning, combining professional experience with dedicated education, I aim to continually enhance and refine this mission.

EXPERIENCE

DevOps Engineer   2022 - Present
A13Systems   Remote

Boutique Firm For Infrastructure, Cloud, & Security Consulting
- Collaborated with clients to understand their infrastructure needs and implemented cost-effective, scalable solutions on cloud platforms (AWS, Azure, GCP).
- Defined and managed EC2 instances, ECS, Route53, and related cloud resources using Terraform (IaC).
- Migrated API solutions written in Python that were hosted locally to AWS.
- Implemented containerization strategies using Docker within CI/CD workflows.
- Configured GitLab CI/CD pipelines for automated testing, building, and deployment of API's into staging, and production environments respectively.
- Troubleshooted issues, optimized performance, and enhanced overall system reliability.
- Adopted GitOps strategies to establish a transparent and auditable history of all changes, subsequently mitigating the frequency of deployment rollbacks.
- Provisioned DynamoDB to lock Terraform (IaC) states to avoid conflicts.
- Managed and administered AWS account in accordance with best practices to mitigate the risk of it getting compromised.
- Setup Bastion servers within private subnets for secure access to backend resources.
- Used S3 bucket for management of Terraform (IaC) states for various projects.
- Setup professional development workflows based on GitLab Flow to automate processes and speed up deployments.
- Utilized Insomnia for the designing, debugging and testing of API's.
- Created and maintained Kubernetes YAML manifests for Deployments, Services, and ConfigMaps.

PROJECTS

Guide Guru

Application That Provides Users With Information For Various Frameworks and DevOps Technologies
🔗 https://github.com/inventandlearn/PostGres-Docker-pgAdmin-Insomnia---Docker-Tutorial-App-

Recipe Rush

RESTAPI That Stores Recipes & Corresponding Images Deployed To AWS via GitLab
🔗 https://github.com/inventandlearn/Recipe_Rush_AWS-DevOps

API Express

RESTAPI For Basic Backend Operations Deployed To AWS via Bash Script(s)
🔗 https://github.com/inventandlearn/API_Express_Bash_Deployment