# 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 Server
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

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## DevOps Engineer

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🔗 https://www.linkedin.com/in/invent2learn/ 　 🔗 https://danielalteon.com/

📍 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).
- Provided expertise in infrastructure as code (IaC) tools such as Terraform for efficient and reproducible deployments.
- Configured and managed containerized applications using Docker and orchestrated them in Kubernetes for efficient deployment and scaling.
- Designed, implemented, and maintained robust CI/CD pipelines to streamline software delivery processes.
- 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.

## PROJECTS

### Recipe Rush                                         09/2023

***RESTAPI Application Deployed To AWS via GitLab***
- Defined and managed EC2 instances, ECS, Route53, and related cloud resources using Terraform.
- Set up AWS CloudWatch for tracking application performance and issues.
- Utilized a third party tool that managed IAM credentials during the development phase.
- Configured GitLab CI/CD pipeline for automated testing, building, and deployment of the application into staging, and production environments respectively.
- Applied test driven development to ensure the application functioned correctly under various test cases.
- Utilized NGINX as a web server to serve Django application, enhance performance, and manage incoming HTTP requests.

🔗 https://github.com/inventandlearn/Recipe_Rush_AWS-DevOps

### API Express                                         05/2022

***RESTAPI Application Deployed To AWS via Bash Script(s)***

- Created Bash script(s) to automate the deployment process of the application on EC2
- Developed application in a local development server via Oracle VM VirtualBox and Vagrant
- Created a profile feed for authenticated users within the application
- Set up a Git repository to version control the application code and related scripts
- Mapped Django models to SQLite3 database for API creation

🔗 https://github.com/inventandlearn/API_Express_Bash_Deployment