ALI TOPALOGLU

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PROFESSIONAL SUMMARY

Senior DevOps Engineer with 8+ years optimizing CI/CD pipelines and cloud infrastructure. Expertise in AWS, containerization, and automation, delivering scalable solutions for government and enterprise environments. Strong background bridging development and operations teams to accelerate delivery while maintaining security and compliance.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, ECS, S3, RDS, IAM, EFS, ACM, CloudFormation, CloudWatch)**, PaaS:** Pivotal Cloud Foundry **Containerization**: Docker, Kubernetes **Infrastructure as Code:** Terraform, CloudFormation, Chef **CI/CD & Automation:** Jenkins, Packer **Monitoring & Logging:** Splunk, New Relic, CloudWatch **Programming Languages:** Ruby, Bash, Go, Python Groovy **Databases:** PostgreSQL **Security:** SAML, SSL/TLS Certificate Management **Operating Systems:** Ubuntu, Linux, MacOS
Languages: English, Turkish (Native or Bilingual Proficiency)

PROFESSIONAL EXPERIENCE

Amivero, Washington DC, September 2021 – Present
DevOps Engineer at USCIS
- Replaced Simple Scaling Autoscaling with Target Tracking for resources to maintain a consistent performance autoscaling instances preventing excessive idle resources
- Built Docker images for ruby 3.2.5 and security-hardened Ubuntu 20.04 improving docker build efficiency reducing image build times to 5 minutes
- Updated Jenkins JCasC cookbooks and plugins with Java version 21 installed via Amazon Corretto distribution and Chef 18 staying security compliant for Jenkins instances with 140 CI/CD pipelines for an app with 2.4 million users
- Enhanced internal certificate refresh steps with warnings, subscriptions created through SNS Jenkins plugin to be notified of any cert that is going to expire in less than 60 days
- Created read replica Databases for various development teams to stop relying on slow api calls
- Allowed dev team to optionally skip yarn static analysis auditing tools to hotfix and deploy their changes
- Simplified output of tools such as yarn audit for developers readability and efficiency on CI/CD builds

Sevatec/Octo, Washington DC, March 2016 – September 2021
DevOps Engineer at USCIS/ Ruby on Rails Developer at USCIS
- Implemented Jenkins shared libraries reducing duplication and standardizing CI/CD across all applications
- Setup ECS clusters via terraform to automate launch configuration reducing provisioning time to 10 minutes
- Added ruby scripts for faster backup and restore of Pivotal Cloud Foundry applications with AWS EFS
- Dockerized CI/CD pipelines with agents for efficient builds and deployments
- Enhanced scripts using Pivotal Cloud Foundry CLI command outputs for developers to self-service their issues and for automating tasks
- Debugging application environments using logs from AWS, PCF Metrics and Splunk
- Changed Authentication and Authorization capabilities for technical support and administrative users on devise
- Updated an internal gem and service brokers that applications use and rely on

Disclaimer Fit, Washington DC, August 2015 – January 2016
Freelancing Full Stack Web Developer
- Modified socialpic Jquery plugin to share the ads on social media
- Created a Ruby on Rails authentication for users to post ads and interact with the ads on the dashboard
- Developed and launched the Disclaimer Fit site on Heroku

EARLY CAREER EXPERIENCE

Curtis, Mallet-Prevost, Colt & Mosle LLP, Washington DC, December 2012 **–** March 2015
International Arbitration & International Trade Paralegal

EDUCATION

George Washington University
  BS, Economics & Statistics, May 2012

General Assembly
Web Development Immersive, June 2015

CERTIFICATIONS

Certified Jenkins Engineer 2021