

## 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.

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### TECHNICAL SKILLS

**Cloud Platforms:** AWS (VPC, EC2, ECS, S3, RDS, IAM, EFS, ACM, SNS, 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)

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### ACTIVE CLEARANCE

**USCIS:** fully-adjudicated background investigation – 6c

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### PROFESSIONAL EXPERIENCE

**Amivero**, Washington DC, September 2021 – Present

DevOps Engineer at USCIS

- Redesigned autoscaling architecture by replacing Simple Scaling with Target Tracking, ensuring consistent performance and optimized resource usage in CloudFormation Templates
- 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
- Optimized CI/CD Pipelines by updating 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, and subscriptions created through SNS Jenkins plugin, leading to timely notifications of any certificates expiring in less than 60 days, improving renewal planning
- Created read replica Databases for various development teams to stop relying on slow API calls
- Enabled dev team to skip yarn static analysis auditing tools, allowing for quicker hotfixes and deployment of their changes improving response time for critical updates
- 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
- Containerized CI/CD pipelines with ephemeral Jenkins agents facilitating efficient builds and faster deployments, reducing resource consumption
- Enhanced scripts using Pivotal Cloud Foundry CLI command outputs for developers to self-service their issues and for automating tasks
- Debugged application environments using AWS, PCF Metrics and Splunk logs, identifying source of errors
- 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

- Improved the socialpic JQuery plugin to enable ad sharing on social media for user engagement and reach
- 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, ensuring smooth stable deployment

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### EARLY CAREER EXPERIENCE

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

International Arbitration & International Trade Paralegal

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### EDUCATION

**George Washington University**

BS, Economics & Statistics, May 2012

**General Assembly**

Web Development Immersive, June 2015

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### CERTIFICATIONS

**Certified Jenkins Engineer 2021**