# THOMAS LEMAR

**AWS/DEVOPS ENGINEER**

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## SUMMARY

As a DevOps Cloud Engineer, my strong everyday-learning mentality combined with open-mindness and determination enables me to learn new skill sets and adapt them onto new environments faster. Thanks to my experiences working multicultural environments, I could easily be part of multicultural/multifunctional IT teams with complete coherence. Having conducted Agile methodologies integrated with CI/CD Practices,

## EXPERİENCE

### SOFTWARE ENGİNEER

**Healthmade Solutions (2015 - present)**

- Direct software design
- Evaluate interface between hardware and software
- Advice customers regarding maintenance of software system

### JUNİOR SOFTWARE ENGİNEER

**RealPro Software (2014 - 2015)**

- Stored, retrieved, and manipulated data
- Modified existing softwares to correct errors
- Prepared detailed reports

## SKİLLS

- Python, SQL, HTML, CSS
- Linux, Git, GitHub
- Cloud(AWS), CloudFormation
- Jenkins, Dockers, Kubernetes
- Jira, ClickUp, Slack
- Ansible, Terraform
- Scrum/Kanban

- Motivation
- Initiative
- Leadership
- Teamwork
- Problem Solving
- Critical Thinking
- Flexibility

## PROJECTS

- Microservice Architecture for Phonebook Web Application (Python Flask) with MySQL using Kubernetes
- Jenkins Pipeline for Dockerized Phonebook Application (Python Flask & MySQL) Deployed on Docker Swarm
- Dockerization of Bookstore Web API (Python Flask) with MySQL
- Phonebook Application (Python Flask) deployed on AWS Application Load Balancer with Auto Scaling and Relational Database Service using AWS Cloudformation
- Kittens Carousel Static Website deployed on AWS Cloudfront, S3 and Route 53 using Cloudformation

**AWS Hands-On Experience on;**
- EC2, CloudFormation, ECR, DynamoDB, CloudFront, S3, API GW, Lambda, EFS, Boto3, CloudWatch, RDS, MariaDB, ALB with ASG, Apache, Nginx, Snapshots, Volumes, VPC, WordPress, Route53, Certificate Manager, IAM, AMI.

**DevOps Hands-On Experience on;**
- Docker: Installing basic operations, handling volumes, networking, image basic operations, compose operations, dockerize to-do app on python-flask, swarm basic operations, swarm network managing services, secrets, tasks.
- Kubernetes: Installing and basic operations, networking service discovery, Microservice deployment and auto-scaling, managing secrets and configmaps, pods and volumes, managing Kubernetes cluster with EKS, dynamic volume provisioning and ingress.
- Ansible: Using modules with ad-hoc commands, using playbooks with tasks, using secrets, provisioning a web and db server with dynamic websites, working with dynamic inventory, using roles.
- Jenkins: Installing, building Jenkins job, building Jenkins pipeline, installing and configuring tomcat, deployment to staging environment, building pipeline with docker ECR.
- Terraform: Installing Terraform and building AWS infrastructure with Terraform.
- Nexus: Installing and using Proxy Repository on EC2 Instance.

## CERTIFICATIONS

- Clarusway AWS/DevOps Course Certification
- Certified Cloud Practitioner
- Solutions Architect Associate Certification

## EDUCATİON

**CLARUSWAY IT TRAINING SCHOOL**
- School of The Arts (2020 - 2021)

**COMPUTER ENGİNEERİNG**
- New City College (2010 - 2014)

## LANGUAGE

**ENGLISH**
- Native Language

**GERMAN**
- Elementary(Speaking,Writing)   Intermediate(Reading)