

**THOMAS LEMAR**

**AWS/DEVOPS ENGINEER**

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**SUMMARY**

Having a strong everyday-learning mentality combined with open-mindness and determination enables me to learn new skill sets and adapt them into new environments faster. Thanks to the working experiences in multicultural environments, being a part of multicultural/multifunctional IT teams with complete coherence is now very easy for me. Having conducted Agile methodologies integrated with CI/CD Practices.

**PROFESSIONAL EXPERIENCE**

**SOFTWARE ENGINEER** **Healthmade Solutions (2015 - present)**

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

**JUNİOR SOFTWARE ENGINEER** **RealPro Software (2014 - 2015)**

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

**PROFESSIONAL SKILLS**

* Python, SQL, HTML, CSS Motivation
* Linux, Git, GitHub Initiative
* Cloud(AWS), CloudFormation Leadership
* Jenkins, Dockers, Kubernetes Teamwork
* Jira, ClickUp, Slack Flexibility
* Ansible, Terraform Critical Thinking
* Scrum/Kanban Problem Solving

**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.

**EDUCATION**

* **CLARUSWAY IT TRAINING SCHOOL** School of The Arts (2020 - 2021)
* **COMPUTER ENGİNEERİNG** New City College (2010 - 2014)

**CERTIFICATIONS**

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

**LANGUAGES:**

* English
* German