

**THOMAS LEMAR**

**DEVOPS ENGINEER**

**E-mail :** thomasl@gmail.com **Phone Number :** +16108923562

**LinkedIn :** linkedin.com/in/ThomasL  **Address :** California, USA **GitHub :** https://github.com/ThomasL



**SUMMARY**

+3 years of experience in **DevOps** and Project Management. Authorized to work in the USA without any restrictions. Passionate about automation of IT processes. HashiCorp Certified: Terraform Associate. AWS Certified Cloud Practitioner and Solutions Architect Associate. Certified Kubernetes Administrator (CKA). Expert in designing and building effective **Continuous Integration and Delivery (CI/CD) pipelines** using containerization, orchestration, monitoring, infrastructure automation tools, configuration management tools, and **AWS** solutions. To be able to use **Jira** and **GitLab** as a project management tool and agile methodology as a project management method. Highly adaptable, flexible professional who embraces teamwork but also likes to work independently. Armed with remarkable problem solving, multitasking, and time management abilities.

**PROFESSIONAL EXPERIENCE**

**Nioyatech LLC** May 2021 - Present

**DevOps Engineer**

* Hands-on experience in AWS provisioning and solid knowledge of AWS services like **EC2**, **S3**, **ELB**, **RDS**, IAM, Route 53, VPC, **Auto Scaling**, Cloud Watch, Cloud Formation, Security Groups, EKS, ECR, Cognito, and coding applications with Python and Django.
* Built and Managed AWS infrastructure As A Code with **Terraform**
* Worked on Containerization and Virtualization Projects with **Docker** and **Kubernetes**.
* Demonstrated knowledge of how to configure **Dockerfile** and Docker-compose files.
* Hands-on experience with Docker containers and Kubernetes clusters with its configuration based on requirements and maintaining the Docker hub and **GitLab** for container images.
* Created and maintained fully automated **CI/CD** pipelines for code deployment using **Jenkins**, GitLab, and **Git**.
* Wrote **Ansible** playbooks and modules to deploy, configure, and manage servers.
* Automated the build & deployments for many applications from end-to-end using CI/CD strategies with various DevOps tools and technologies.
* Monitored, analysed, and reported performance statistics for cloud-hosted environments by using AWS Cloud Watch, **Prometheus**, **Grafana**.
* Built and configured EC2 instances on AWS cloud platform, the configuration of elastic load balancer (**ELB**) for traffic control for the EC2 instances and **S3**.
* Created and managed **Elastic Load Balancers** and **Auto Scaling** Groups for high availability and scalability.
* Extensive knowledge of the configuration of AWS EC2, **Launch Templates**, **IAM Policy**, Role, Instance Profile, and Security Group.
* Experienced in networking, Installing, and configuring application software on servers following prescribed instructions, such as creating **Subnets**, **NACLs**, EIPs, VPC Peeing blocks with **AWS VPC**.
* Responsible for deployments of products using PostgreSQL and were written in NodeJS.
* Wrote Bash scripts for daily maintenance activities, including indexes and table analyses.
* Develop and automate standard operating procedures around common failure scenarios.
* Used GitLab as a project management tool.

**RealPro Software** Jan 2019 - Apr 2021

**Project Manager**

* Overall responsibility of project deliveries aligned with budget, quality, time, and customer satisfaction.
* Manages all project processes (project scope, risk, issue resolution, etc.)
* Effectively lead teams through project design, development, testing, go-live, and reporting.
* Establishing and managing a strong relationship with customers, responsible for customer interactions, satisfaction, and the full cycle of the project process.
* Able to manage multiple development projects for multiple clients at the same time

**TECHNICAL SKILLS**

Python | SQL | HTML | CSS | Linux | Git | GitHub | **GitLab** | Cloud(AWS) | CloudFormation | **EC2** | ECR | **DynamoDB** | CloudFront | **S3** | API GW | **Lambda** | EFS | Boto3 | CloudWatch | RDS | MariaDB | ALB with ASG | Apache | Nginx | Snapshots | Volumes | VPC | Route53 | Certificate Manager | IAM | AMI | **Jenkins** | **Docker** | **Kubernetes** | Jira | ClickUp | Slack | Ansible | Terraform | Scrum/Kanban

**SOFT SKILLS**

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

**PROJECTS**

**ML-HUB Application**

* ML-Hub is an AI and NLP for healthcare project that provides software, models, and data to help healthcare and life science organizations build, deploy, and operate AI projects.
* In this Project, we;
* Dockerized Web Application developed in React, Java Springboot, and Spring Cloud Frameworks and integrated with PostgreSQL database.
* Use Gateway API and Generic Data API for Project dockerized microservices.
* AWS Cognito and EKS are the backbones of our Project.
* Used Gitlab as a project management tool.
* Created full microservices, Gitlab CI/CD Pipelines, and deployment on a Kubernetes cluster with monitoring.
* Built Dockerfiles for each microservices.
* Used Terraform as Infrastructure as a Code (IaaS) to automate the creation of infrastructure in each pipeline.
* Handled the dynamic inventory that includes EC2 instances into the inventory by checking their tags.
* Load Balancers and Auto Scaling Groups for high availability and scalability.
* Automated the build & deployments for many applications from end-to-end using CI/CD strategies with various DevOps tools and technologies.

**Project Boss**

* Bootcamp Operating System
* Modular Customer Relationship Management (CRM) application for end-to-end production.
* Deployment on K8s cluster to AWS.
* Used Gitlab Issues as an agile implementation tool.
* Created full microservices, CI/CD Pipelines with GitLab, and deployment on a Kubernetes cluster with monitoring.
* Code developed in NodeJS.
* Built Dockerfiles for each microservices.
* Built a Docker Compose file to work in a development environment.
* Used Terraform as Infrastructure as a Code (IaaS) to automate the creation of infrastructure in each pipeline.

**EDUCATION**

**New York University** Sep 2010 - Jul 2014

Management and Information Systems

**CERTIFICATIONS**

* Clarusway AWS/DevOps Course Certification
* AWS Certified Cloud Practitioner
* AWS Certified Solutions Architect Associate
* HashiCorp Certified: Terraform Associate
* Certified Kubernetes Administrator (CKA)

**LANGUAGES:**

* Turkish : Native
* English : Advanced
* German : Elementary