

**THOMAS LEMAR**

**DEVOPS ENGINEER**

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**SUMMARY**

+3 years of experience in **DevOps** and **Project Management**. 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** 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**

**ABC 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, Autoscaling, CloudFront, Cloud Watch, Cloud Formation, Security Groups, **EKS**, **ECR**, and coding applications with **Python**.
* Built and Managed AWS infrastructure As A Code with **Cloud Formation**.
* Worked on **Containerization** and Virtualization Projects with **Docker** and **Kubernetes**.
* Create and maintain fully automated **CI/CD pipelines** for code deployment using **Jenkins** and **Git**.
* Write **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.
* Monitor, analyze, and report performance statistics for cloud-hosted environments by using **AWS Cloud Watch**, **Prometheus**, **Grafana**.
* Building and configuring of EC2 instances on AWS cloud platform, the configuration of elastic load balancer (ELB) for traffic control for the EC2 instances and S3.
* Used **Maven** as build tools on Java projects for the development of build artifacts on the source code.

**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 | **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**

* Web Page Application (Postgresql-Nodejs-React) deployed on EC2’s with **Ansible**, **Docker,** and **Nginx** Proxy Server.
* **Microservice Architecture** for Web Application with **MySQL** using **Kubernetes**.
* Jenkins Pipeline for Dockerized Application Deployed on **Docker Swarm**.
* Dockerization of Web API with MySql.
* An application deployed on AWS Application **Load Balancer** with **Auto Scaling** and **RDS** using **Terraform**.
* Create **Apache** Servers with Terraform.
* An Application (Django) deployed on AWS Application Load Balancer with Auto Scaling, **S3**, RDS, VPC’s Components, **Lambda**, DynamoDB, and Cloudfront with **Route53**.
* Static Website deployed on **AWS Cloudfront,** S3, and Route53 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, composing 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 config maps, 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 the 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**

**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