Mert KILIÇASLAN

DEVOPS ENGINEER

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SUMMARY

I am a DevOps Engineer with approximately 6 months of experience in the field. I have been actively involved in DevOps projects and continuously enhancing my skills through research. My primary focus has been on AWS, where I have developed expertise in CI/CD processes. I have successfully deployed code from Private GitLab to Kubernetes using Jenkins Groovy. Additionally, I have gained knowledge in AWS architecture and have experience in setting up and configuring services such as VPC, EKS, EC2, ElastiCache, and MSK. While I have explored Google Cloud and Azure, my main focus has been on AWS. I have exposed applications deployed on Kubernetes to the external network using ALB Controller, while implementing restricted security group rules.

SKILLS

Skill	Level
Proficiency in Continuous Integration and Continuous Delivery (CI/CD) methods	■■■■□
Extensive knowledge and experience in DevOps principles and practices	■■■■■
Management and optimization of cloud-based infrastructures (AWS, Azure, Google Cloud)	■■■■■
Utilization of automation tools and software (Terraform, Ansible, Gitlab CI/CD, Jenkins)	■■■□□
Proficiency in operating systems (Linux, Windows) and networking technologies	■■■■□
Expertise in containerization technologies (Docker, Kubernetes) and microservices architecture	■■■□□
Troubleshooting and performance optimization skills	■■□□□
Strong teamwork, communication, and project management abilities	■■■■■

EXPERIENCE

DevOps Engineer

RecrigoApr 2023 -May 2023

The Recrigo project is being developed as an online interview platform. It utilizes .NET as the backend technology and React as the frontend framework. My responsibility within the Recrigo project was to set up the AWS infrastructure and establish the CI/CD process using Jenkins, after containerizing the applications. The developed CI/CD process involved building application images and pushing them to AWS ECR, followed by deploying the applications on Kubernetes using Helm templates. The infrastructure was designed as two separate environments, with the development, test, and preprod environments located in a different VPC, while the production environment was situated in a separate VPC. This project provided me with valuable hands-on experience with various critical AWS services.

EDUCATION

University
İstanbul Kültür Üniversitesi (Adelet MYO)

High School
Özel Asama Mesleki ve Teknik Anadolu Lisesi, Istanbul

Middle School
Reşat Nuri Güntekin Ortaokulu

EXPLORED AWS SERVICES

Amazon EC2, AWS Lambda, Amazon ECR (Elastic Container Registry), Amazon ECS (Elastic Container Service), Amazon EKS (Elastic Kubernetes Service), Amazon S3 (Simple Storage Service), Amazon EFS (Elastic File System), AWS Backup, Amazon RDS (Relational Database Service), Amazon ElastiCache, Amazon VPC (Virtual Private Cloud), Amazon CloudFront, Amazon Route 53, Amazon CloudWatch, Elastic Load Balancer (ELB), AWS CloudFormation, AWS CloudTrail, Amazon MSK (Managed Streaming for Apache Kafka), AWS IAM (Identity and Access Management), AWS Secrets Manager, AWS ACM (Certificate Manager), AWS KMS (Key Management Service), Amazon SNS (Simple Notification Service), Amazon SES (Simple Email Service), Amazon EventBridge

OTHER TECHNOLOGIES

Linux, Docker, Kubernetes, Terraform, Git, Jenkins, Ansible, Python

OTHERS

English: B1

Driving licence: B1

Military Service: Completed

CAREER OBJECTIVE

My objective is to develop myself as a DevOps engineer and enhance my proficiency in leading cloud providers such as AWS, Google Cloud, and Azure. I aim to utilize this expertise in conjunction with other technologies to design diverse architectures. Furthermore, I seek to demonstrate my knowledge and experience by actively participating in various projects, obtaining certifications in areas of expertise, and engaging in community events.