

Cumhur AKKAYA

DEVOPS ENGINEER

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SUMMARY

+3 years of experience in IT Project Management. Passionate about automation of IT processes. HashiCorp Certified: Terraform Associate. AWS Certified Cloud Practitioner. 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

Clarusway - Mentor

July 2022 - Present

UME - IT and Security Project Manager

April 2012- February 2015

HERİKKS and SENTİNEL System - Trainer

August 2005 – December 2011

TECHNICAL SKILLS

Python | SQL | **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

Teamwork | Team Management | Problem Solving | Continuous Learning | Creativity | Time Management | Focus | Computational Thinking | Communication | Leadership | Collaboration | Adaptability | Self Motivation

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, AML.

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

Gebze Technical University,

Jul 2015 -

Doctorate, Business Administration, Grade: 3,81. I took a break at the thesis stage.

Istanbul University,

Oct 2014 - Jul 2020

Bachelor, Sociology, Grade: 3,7.

Necmettin Erbakan University

Oct 2010 - Jun 2012

Master's Degree, Guidance and Psychological Counseling (GDC),Grade: 81.08.

CERTIFICATIONS

- Clarusway AWS/DevOps Course Certification.
- AWS Certified Cloud Practitioner.
- HashiCorp Certified: Terraform Associate.
- Certified Kubernetes Administrator (CKA).

LANGUAGES:

- Turkish : Native
- English : Advanced
- Arabic : Elementary