



SUMMARY

Mustafa AK graduated from the Turkish National Defense University in 2009 and completed a series of assignments in the Navy. He holds a Bachelor of Science in Electrical and Electronics Engineering. He has successfully completed AWS & DevOps Bootcamp training. He has AWS Cloud Practitioner and Solution Architect Associate certificates.

Mustafa AK

AWS Solution Architect | IT Specialist



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EXPERIENCE

SOLUTION ARCHITECT & JR. DEVOPS ENGINEER

(December 2020 – May 2020)

HAIX London / UK

- Build CI/CD pipelines using GitHub Actions.
- Setup and maintain automated deployment on AWS based servers.

SOLUTION ARCHITECT DEVOPS ENGINEER TRAINEE

(May 2020 – December 2020)

CLARUSWAY U.S. (Online)

- Setup and build AWS infrastructure such as, VPC, EC2, S3, IAM, EBS, Security Groups, Auto Scaling, Monitoring (CloudWatch, SNS, Health checks), Data Storage (S3, Glacier, EBS, EFS), Route53, CloudFront, CloudFormation, IAM, Database (RDS, DynamoDB).
- Used Jenkins and Configuration management tools to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, which involves several steps like creating nodes, networks, Docker, starting Cluster Services
- Implemented and designed AWS virtual servers by Terraform Modules and Ansible Playbooks to ensure deployment of web applications.
- Experience with source control management system Git, and used it to initiate continuous integration tools like Jenkins.
- Experience in administration, configuration and support for Software Development Life Cycle Management (SDLC) tools like JIRA

DATA ANALYST & OPERATIONS RESEARCH ANALYST

(July 2016 - April 2018)

TURKISH NAVY- Kocaeli, Turkey

- Preparing and presenting daily, weekly, and monthly and on-demand reports.
- Operational and strategic planning, managing and leading personnel and process as an Operations and Trainer Officer.

PROFESSIONAL SKILLS

Python	<div><div></div><div></div><div></div><div></div><div></div></div>
CloudFormation	<div><div></div><div></div><div></div><div></div><div></div></div>
Terraform	<div><div></div><div></div><div></div><div></div><div></div></div>
Ansible	<div><div></div><div></div><div></div><div></div><div></div></div>
Docker	<div><div></div><div></div><div></div><div></div><div></div></div>
Docker Swarm	<div><div></div><div></div><div></div><div></div><div></div></div>
Kubernetes	<div><div></div><div></div><div></div><div></div><div></div></div>
SQL	<div><div></div><div></div><div></div><div></div><div></div></div>
Git	<div><div></div><div></div><div></div><div></div><div></div></div>
CI/CD	<div><div></div><div></div><div></div><div></div><div></div></div>
Jenkins	<div><div></div><div></div><div></div><div></div><div></div></div>
SDLC	<div><div></div><div></div><div></div><div></div><div></div></div>
Scrum/Kanban	<div><div></div><div></div><div></div><div></div><div></div></div>
Jira	<div><div></div><div></div><div></div><div></div><div></div></div>
Grafana	<div><div></div><div></div><div></div><div></div><div></div></div>
Prometheus	<div><div></div><div></div><div></div><div></div><div></div></div>

PERSONAL SKILLS

Teamwork	<div><div></div><div></div><div></div><div></div><div></div></div>
Leadership	<div><div></div><div></div><div></div><div></div><div></div></div>
Passionate	<div><div></div><div></div><div></div><div></div><div></div></div>
Initiative	<div><div></div><div></div><div></div><div></div><div></div></div>
Management	<div><div></div><div></div><div></div><div></div><div></div></div>
Flexibility	<div><div></div><div></div><div></div><div></div><div></div></div>

**ANTI SUBMARINE
WARFARE
OFFICER &
INSTRUCTOR**

(September 2009 - July 2016)

TURKISH NAVY- Kocaeli, Turkey

Major accomplishments:

- Managed more than 15 technical and tactical crew members and operated and maintained high technology sensors and weapon system.
- Successfully controlled and operated warship combat management system and became a good team member in this organization.
- In addition to the Specialization of Anti-Submarine Warfare, complex technical issues such as navigation, communication, electronics and administrative skills have also been gained.

EDUCATION

**ELECTRICAL AND
ELECTRONIC
ENGINEERING**
(2005-2009)

TURKISH NATIONAL DEFENCE UNIVERSITY- Istanbul, Turkey

LANGUAGE SKILLS

English	<div><div></div><div></div><div></div><div></div><div></div></div>
Turkish	<div><div></div><div></div><div></div><div></div><div></div></div>
German	<div><div></div><div></div><div></div><div></div><div></div></div>

CERTIFICATES

AWS CERTIFIED SOLUTION ARCHITECT (ASSOCIATE)
(07/02/2021)

AMAZON WEB SERVICES

AWS CERTIFIED CLOUD PRACTITIONER
(24/01/2021)

AMAZON WEB SERVICES

AWS - CONTAINERIZED APPLICATIONS ON AWS
(11/12/2020)

AMAZON WEB SERVICES - Coursera

AWS - GOING CLOUD NATIVE
(16/07/2020)

AMAZON WEB SERVICES - Coursera

AWS - ADDRESSING SECURITY
(19/10/2020)

AMAZON WEB SERVICES - Coursera

IT SUPPORT PROFFESIONAL
(08/09/2019)

GOOGLE - Coursera

PYTHON COURSES
(19/06/2019)

MICHIGAN UNIVERSITY - Coursera

DATA SCIENCE ESSENTIALS COURSE
(23/02/2020)

IBM - Coursera

WINDOWS SERVER MANAGEMENT AND SECURITY
(16/07/2020)

UNIVERSITY OF COLORADO - Coursera

EXCEL SKILLS FOR BUSINNESS ADVANCED
(27/07/2019)

MACQUARIE UNIVERSITY - Coursera

DOCKER ESSENTIALS
(20/10/2020)

PROJECT NETWORK - Coursera

VOLUNTEER EXPERIENCE

ASSISTANT
(June - October 2019)

EUSKIRCHEN CITY LIBRARY Euskirchen, GERMANY

ASSISTANT
(January - April 2020)

RESIDENTIAL FACILITY Stenwedde, GERMANY