



## SUMMARY

Mustafa AK graduated from the Turkish National Defence University in 2009 and completed a series of assignments in the Navy. He holds a Bachelor of Science in Electrical and Electronics Engineering from the Turkish National Defence University and Google IT Support Professional Education Certificate and other IT related certificates. He has successfully completed AWS & DevOps Bootcamp training. He is currently working at HAIX as a Solution Architect & DevOps Engineer. He has AWS Cloud Practitioner and Solution Architect Associate certificates.

# Mustafa AK

AWS Solution Architect | IT Specialist



<https://www.akmustafa.net>



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## EXPERIENCE

### SOLUTION ARCHITECT & DEVOPS ENGINEER

(December 2020 – Present)

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

Operational and strategic planning, managing and leading

personnel and process as an Operations and Trainer Officer.

Preparing and presenting daily, weekly, and monthly and on-demand reports.

## 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

In addition to the Specialization of Anti-Submarine Warfare, complex technical issues such as navigation, communication, electronics, and administrative matters skills have also been gained.

Major accomplishments:

- International Operations and World Wide Operability (20 Country)
- I have managed more than 15 technical and tactical crew members and operated and maintained high technology sensors and weapon system.
- I have successfully control and operate warship combat management system and become a good team member in this organization
- More than 7 years I have handled pressure and meet deadlines successfully.

## 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 PROFESSIONAL**  
(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 BUSINESS 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