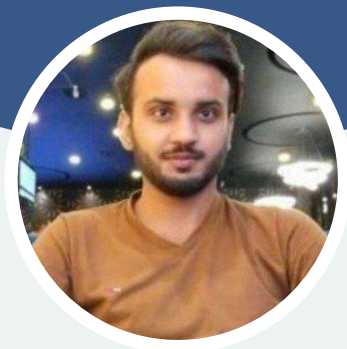


# Muhammad Ahmed Zafar

AWS Cloud Engineer



## Personal details

+923032888584

Lahore

Male

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ahmadzafarcheema453@gmail.com

## Languages

English

Urdu

## Certificates

CCNA  
May 2024

Solutions Architect - Associate  
(AWS)  
Jun 2024

IELTS  
Oct 2023

## Profile

Highly motivated AWS Cloud Engineer with a passion for experience designing and implementing cloud-based solutions using AWS services. I have technical expertise in developing and implementing architecture solutions, enhanced smooth operations, cost optimisation, end-to-end infrastructure monitoring, event data analysis, troubleshooting, infrastructure security, system configurations, and maintenance to ensure the best quality service.

## Education

### Master in Information Technology

University of Management And Technology, Lahore

### Associate Degree in Information Technology

University of Central Punjab, Lahore

## Experience

### AWS Cloud Engineer

Amazon Web Service (AWS)

- Configure and maintain AWS services such as EC2, S3, IAM, EBS, and VPC.
- Develop and maintain cost optimization strategies for AWS cloud infrastructure.
- Ensure data protection and assurance by encryption with AWS KMS & MFA.
- Design highly available, cost-effective and fault-tolerant systems using EC2 instances, Auto Scaling and Elastic Load Balancer.

### Network Design

Design and implement a robust and scalable campus network for a university environment. The project aims to enhance connectivity, security, and overall network performance.

- Network Topology Design & OSI Model.
- IP Addressing (IPV4 & IPV6)
- Routing and Switching.
- VLAN & Access Control list (ACL)
- STP Algorithms & OSPF Protocols
- Subnetting
- Border Gateway Protocol (BGP)

### Web Application

Waterless Car Wash

I built a high-performing website to decrease water problems. Prepare and implement software test plans, designs, objectives and cases. Understanding of the fully manual testing and its test cases. Strong Knowledge of SQA Engineering & manual testing.

- Black box & white box testing
- Use Cases & Data Flow Diagram
- Functional & non-functional requirements

# Employment

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**IT administrator**  
OBAN Hotel, Lahore

**Feb 2024 - Jun 2024**

## Skills

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**AWS Services (EC2, S3 Bucket, EBS, VPC, EFS, IAM)**

**Troubleshooting and Problem Solving**

**Cloud Infrastructure Design and Implementation**

**Networking and Security**

**IP Addressing (IPV4 & IPV6)**

**Routing and Switching**

**Technical Documentation**