

Linked-IN:

<https://www.linkedin.com/in/muskan-tomar-b3566615a/>

MUSKAN TOMAR

Azure Solutions Architect | Azure DevOps and
Security Engineer | Administrator Associate |
Kubernetes & Docker | IaC

(+91)-9953502717

Muskantomar001@gmail.com

SUMMARY

Highly skilled and enthusiastic learner with a strong background in cloud technologies, particularly Microsoft Azure, and a proven track record of designing, implementing, and managing complex DevOps solutions. Microsoft Certified: Azure Solutions Architect, Azure Security Engineer, Azure DevOps Engineer, and Azure Administrator Associate. Experienced in developing and deploying solutions on Azure Cloud using various services. Proficient in utilizing a wide range of tools and methodologies to streamline development processes, enhance efficiency, and ensure seamless deployment of applications. Looking to work with an organization that provides an opportunity to learn, explore, and grow along with the organization.

EMPLOYMENT

<u>Cloud Engineer III</u>	Insight, Greater Noida	January 2023 – Present
<ul style="list-style-type: none">designed and implemented Azure-based solutions for various projects leveraging a wide array of Azure services such as App Service, Static Web App, Function App, Azure blobs, and Azure Service Bus, etc.Enhanced application reliability and availability by implementing comprehensive logging and monitoring solutions using Azure Monitor, Application Insights, and Log Analytics.Collaborated with development teams to manage build infrastructure and implement CI/CD pipelines, ensuring efficient development and deployment workflows.Received recognition (till date) under the Value awards category - Hunger which showcases the zeal to grow and improve.		
<u>Sr. Cloud Engineer (July 2022 – December 2022)</u>		
<ul style="list-style-type: none">Architecting, Optimizing, Onboarding, and Transitioning Microsoft Azure Services and Systems. Responsible for workload Migrations to Microsoft Azure cloud Infrastructure from On-prem/Other Clouds.Network and Application Gateway Configuration, Express route(s), Privileged Identity Management, Windows Server Storage PoolDelivered and Managed containerized applications using Kubernetes and Docker containerization, ensuring scalability, portability of applications, and efficient resource utilization as well as ensuring a fault-tolerant environment.Received recognition 1 time as a star performer, which showcases my excellent performance.Providing trainings to 30+ team members		
<u>Cloud Engineer (March 2021 – June 2022)</u>		
<ul style="list-style-type: none">Promoted to Sr. cloud engineer, within a span of less than 1.5 years.Azure PaaS +IaaS, Dashboarding, and Alerting. Server traffic management, and Cloud Network hardening.Implemented Infrastructure as Code (IAC) using Terraform, resulting in consistent and reproducible cloud environments.Cost Optimizations using PowerShell scripting, Automation development on PaaS resources.Received star performer recognition 3 times which showcases excellent performance.		
<u>Deep Learning Researcher, Intern</u>	MixORG Consulting Services Pvt. Ltd.	May 2020 – July 2020
<ul style="list-style-type: none">Worked on various Artificial Intelligence and neural-network technologies.Researched more than 15 existing Facial recognition models in order to create a more optimal model which could be easily leveraged by the public industry.Developed a Facial Recognition Model (Industry Project) with higher accuracy.		
<u>Software Engineer, Intern</u>	FutureSoft Solutions Pvt. Ltd.	May 2019 – June 2019
<ul style="list-style-type: none">Worked closely with the Network Administrator to understand the Network Infrastructure of the company. Collaborated with associates in both technical and non-technical contexts.Collaborated on network development and implementation of routers, switches, firewalls, and NAC and WAN optimization.		

EDUCATION

Noida, IN

Amity University, Noida

July 2017 – Jun 2021

- Bachelors in information technology from **Amity School of Engineering & Technology**. Division 1st.
- Member of the **Computer Society of India (CSI)** which organized various conferences, and professional meetups to exchange views, information, and technical ideas.

POSITION OF RESPONSIBILITY

TEAM LEADER- Umeed-A Drop of Hope [NGO]

July 2018 – Dec 2018

- Managed a Team of 20+ members and Organized 10+ workshops on various topics.
- As a Team Leader worked towards managing my team, encouraging more people to join and help for the same, and helped my team in their time at the organization.
- Used different instructional techniques to obtain and retain underprivileged women's and children's interest in the subject matter.

TECHNICAL EXPERIENCE/ACHIEVEMENTS

Projects

- **Exam seat allocation Software**- Developed a user-friendly application that enables the organization to allocate seats during examinations. The application took input from the user and displayed a seating arrangement according to the number of students. Designed and built the 10+ screens of the application using PHP, HTML, CSS, and Interface builder.
- **Facial Recognition Software (Industry Project)**- This project is related to the development of a Facial recognition system using deep learning and neural networks. Worked on improving the accuracy of the model.

Publications

- **Comparative Study of Deep Learning Models for COVID-19 Diagnosis | Published in IEEE -2021 2nd International Conference on Secure Cyber Computing and Communications (ICSCCC), 2021, pp. 507-512, doi: 10.1109/ICSCCC51823.2021.9478139. (<https://ieeexplore.ieee.org/document/9478139>)**
- **Image Authentication with Steganography using Digital Watermarking and Digital Signature - Third International Conference on Facets of Business Excellence - FOBE 2018**

Certifications

- AZ-305: Microsoft Azure Solutions Architect Expert
- AZ-400: Designing and Implementing Microsoft DevOps Solutions
- AZ-500: Microsoft Certified: Azure Security Engineer Associate
- AZ-104 Microsoft Certified: Azure Administrator Associate
- AZ-900 Microsoft Certified: Azure Fundamentals
- Achieved student-level certification for CCNA Routing and Switching: Introduction to Networks

ADDITIONAL AWARDS & CONFERENCES

- 2nd position in a contest organized by 'GEEK SEEK' ELITE NETWORKING CLUB (Tech quiz)
- Attended a 3-day Foundation workshop on Web Development and Research organized by IEEE.
- Attended a workshop on Introduction to Data Structure & Algorithm organized by IOSD (International Organization of software developers)
- Attended 10th International Conference CONFLUENCE-2020 on Cloud computing, Data Science, and engineering.

TECHNICAL SKILLS

- **Cloud Services:** Azure (proficient), GCP (beginner)
- **Frameworks and Tools:** Git, Jenkins, Azure DevOps Pipelines, Ansible, Puppet, Kubernetes, Docker, Maven, Nginx; Visual Studio, Microsoft SQL Server, Eclipse
- **Infrastructure as Code:** Azure Terraform, ARM Templates
- **Scripting:** Bash, PowerShell

-
- **Operating Systems:** Linux, Windows
 - **Languages:** Python, HTML, CSS, PHP
 - **Monitoring:** Prometheus, Data Dog, Grafana, Nagios

LANGUAGES

- English
- Hindi
- French