

# Mohammed Tanvir

A goal-oriented professional targeting senior-level assignments in **Cloud Architecture, DevOps Engineering** and **Site Reliability Engineering**, with an organization of repute

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## CORE COMPETENCIES



**Cloud Platforms:** **AWS, Azure**, and Oracle Cloud Infrastructure (**OCI**)

Infrastructure as Code (**IaC**) & **Automation:** **Terraform, Ansible**

**CI/CD Tools:** **GitLab, GitHub, Azure DevOps**

Containerization & Orchestration: (**Docker, Kubernetes**)

Monitoring & Logging: **Grafana, Loki, Prometheus**

**Scripting & Programming:** **Python, PowerShell**

**Compliance & Security:** Knowledge of cloud security best practices



## CERTIFICATIONS

- Microsoft Certified: DevOps Engineer Expert
- AWS Certified Solutions Architect – Professional
- Oracle Cloud Infrastructure Certified DevOps Professional
- Oracle Cloud Infrastructure Certified Architect Professional
- HashiCorp Certified: Terraform Associate
- Certified Kubernetes Administrator (CKA)
- MS – Azure Administrator Associate
- Sun Certified System Administrator for Sun Cluster 3.2
- EMC Certification-EMC Information Storage Associate (EMCISA)



## PROFILE SUMMARY

- As a seasoned **DevOps** Architect with over 5 years of dedicated experience in leading **Cloud** and **DevOps** transformations across **AWS, Azure**, and **OCI** platforms, I excel in architecting, managing, and deploying cloud solutions that significantly enhance operational efficiencies and drive innovation.
- With a proven track record in developing and executing robust **DevOps** strategies aligned with organizational goals, I specialize in implementing best practices for **CI/CD**, Infrastructure as Code (**IaC**), and **automation**.
- My expertise extends to designing resilient and scalable **cloud-native** solutions, optimizing **CI/CD** pipelines for seamless software delivery, and implementing **cutting-edge** deployment strategies such as **blue-green** deployments and **canary** releases.
- Adept at fostering collaboration across **cross-functional** teams, I provide technical leadership and mentorship to DevOps teams, promoting a culture of continuous improvement.
- My deep understanding of **GitOps** practices, combined with a strong foundation in cloud security and compliance, positions me to drive the adoption of **DevOps methodologies**, ensuring scalability, reliability, and security in fast-paced environments.
- **DevOps** corelation **CI/CD** pipelines, utilizing **Docker** and **Kubernetes** for efficient **containerization** and **orchestration**, and leveraging **Terraform** and **Ansible** for infrastructure **automation**.
- Proficient in designing, deploying, and managing resilient **Multi-Cloud** solutions within **Agile** frameworks, adept at enhancing the reliability, scalability, and security of digital products and services.
- Specialized in minimizing risks and optimizing operations through predictive monitoring, **auto-scaling**, and **self-healing** mechanisms, ensuring high system **uptime** and performance.



## WORK EXPERIENCE

- **Senior Systems Specialist – Cloud/DevOps**  
Ministry of Finance (MOF), Doha, Qatar | Jan 2023 – Present
- Initiated the strategic **migration** of critical applications to **cloud** platforms, ensuring alignment with the organization's **DevOps** strategy and minimizing downtime through effective deployment strategies such as **blue-green** deployments and **canary** releases.
- Led the design and implementation of robust **CI/CD** pipelines, utilizing **GitLab, GitHub**, and **AWS DevOps**, to **automate** build, test, and deployment processes, achieving a 40% reduction in deployment times and significantly enhancing pipeline performance and **reliability**.
- Architected **automated** infrastructure provisioning and configuration management using **Terraform** and **Ansible**, aligning with best practices for Infrastructure as Code (**IaC**) and automation.
- **Developed** and maintained **cloud-native** solutions for infrastructure automation on **AWS, Azure**, and **OCI**, ensuring **scalability** and **reliability** through **automation** and best practices.



## EDUCATION

- **Bachelor of Computer Science** in 1995 from Bhagalpur University



## TECHNICAL SKILLS

- **Cloud Technologies:** Proficient in **AWS, Azure,** and **OCI**. Hands-on experience with Azure cloud **automation**, Oracle **Cloud Infrastructure** deployment techniques, and **DevOps** for building **CI/CD** pipelines.
- **Scripting & Automation:** Advanced skills in **Python**, PowerShell and **Ansible** for automating deployment and configuration tasks.
- **Infrastructure as Code(IoC):** Extensive experience with **Terraform** for efficient and reliable operations across cloud environments.
- **Container Technologies:** Knowledgeable in using **Docker** and **Kubernetes (OKE, K8s, EKS, and AKS)** for application containerization and **orchestration**.
- **Monitoring & Logging:** **Grafana, Loki, Prometheus**
- **Operating Systems & Platforms:** Subject Matter Expert (SME) in **Solaris 11** features including Oracle **VM** for **SPARC**, Immutable **Zones, ZFS** file system, Automated Installer (**AI**), Image Packaging System (**IPS**), and Service Management Facility (**SMF**).
- **Hardware Systems:** Hands-on experience with **Oracle SuperCluster M8/M7, Oracle SPARC T8/T7 Series**, Skilled in **EMC** storage solutions including **VNX, Clariion**, Storage systems ensuring optimal performance and reliability.
- **Backup & Recovery:** Proficient in implementing comprehensive backup solutions using **VERITAS NetBackup, DelliEMC Data Protection Advisor (DPA)/Networker**, ensuring data integrity and recoverability.

- Implemented comprehensive **monitoring** and **alerting** solutions with **Grafana, Loki,** and **Prometheus** to ensure optimal system performance, application health, and **security, aligning** with **GitOps** practices for infrastructure and application configurations management.
- Collaborated with development, **QA,** and product management teams to streamline processes and enhance collaboration, serving as a subject matter expert in **DevOps** practices, tools, and technologies.
- Formulated and executed incident response strategies that reduced recovery times and safeguarded systems. Continuously sought to improve processes and implementations, ensuring high availability and performance of IT services.

### ➤ **System Specialist – Unix/Solaris/OCI/SuperCluster**

Ministry of Finance (MOF), Doha, Qatar | Jul 2018 – Present

- Designing and Implementation of **Oracle SuperCluster systems for ERP solutions (SuperCluster M8, ZFS Storage Appliances, IB Switches, Exadata Cells and OEM)**
- Installing and configuring new **Oracle Solaris Zones (OVM)** within Oracle logical domains as per best designs and practices
- Creating and configuring, Exadata grid disk for **ERP Databases on Exadata storages Cell** servers in **Production** and **DR** and their **UAT/Dev/STG** environments
- Ensuring technical excellence in service delivery to ensure customer satisfaction & to **minimize downtime**
- Analysing & understanding solution requirements; facilitating solution development projects throughout the solution cycle from requirements gathering to implementation for business continuity
- Implemented a **continuous delivery model**, ensuring efficient and reliable software delivery processes.
- **Designed** and **implemented** solutions for observability of platform status and health.
- Implemented **software-defined** networking solutions to optimize network performance and security.
- Utilized **automated** deployment tooling such **Azure DevOps** for streamlined deployment processes.
- Performing detail analysis of business requirements and formulating comprehensive plans to define **project** requirements
- Delivering **large-scale**, complex programs with a focus on technology transformation; collaborating with leadership teams to evaluate technology challenges

### ➤ **Senior Unix Architect – Solaris/Solaris Cluster**

Barwa Bank (Dukhan Bank), Doha, Qatar | Feb 13 - June 2018

- Managed **Oracle Solaris virtualization** and Oracle Solaris HA systems, providing L2 and L3 support.
- Implemented and managed all Oracle Solaris virtualisation AI (Oracle OVM (Ldoms), **Solaris Zones** & Containers), AIX & Linux
- Ensured configuration and troubleshooting of Oracle Solaris HA (Oracle **SuperCluster, Solaris Cluster & Zone Cluster**), IBM-AIX (VIOS)
- Provided L2&L3 Support for all the problems that appear on the Oracle SuperCluster, **Oracle Enterprise SPARC Systems** & x86, and IBM AIX
- Performed advanced administrating activity on Solaris 11/10 and Linux RHEL servers and associated virtual **zones/ldoms** to troubleshoot, filesystems issues, updates modifications and hardware troubleshooting and replacement, including the **ILOM/ALOM**



## PREVIOUS EXPERIENCE

### ➤ Senior Technical Engineer – PS (Oracle/Sun & EMC)

International Turnkey Systems, Doha, Qatar | Jun 08 – Jan 2013

- Project: ORACLE/Sun Solaris (HW/SW), Oracle/Sun Cluster, Symantec Netbackup
- Project: HDS VSP HW/SW & ShadowImage, TrueCopy, Universal Replicator
- Project: EMC (HW/SW) - VNX, Clariion, Centera

### ➤ System & Storage Administrator – Unix

Ericsson, Egypt | Jun 05 – May 2008

### ➤ UNIX System Administrator

Saudi Telecom Company (STC), Riyadh, Saudi Arabia | Feb 00 – May 2005

#### Accreditations:

- SPARC T5-Based Servers Implementation/Installation Specialist
- Professional Services-Consulting Services Industry Specialist
- Professional Services - Business Services Industry Specialist
- Oracle Solaris Cluster Support Specialist
- Oracle Solaris Support Specialist
- SPARC Enterprise M-Series Entry-Level and Midrange Servers Installation (IDO) Specialist
- SPARC Enterprise M-Series High-End Servers Installation (IDO) Specialist

#### Other Accreditations:

- Sun SPARC Enterprise Entry-Level and Midrange Servers Field Delivery Support Consultant
- Sun SPARC Enterprise High-End Servers Field Delivery Support Consultant
- SPARC Enterprise Entry-Level and Midrange Server Field Delivery Support Consultant
- Sun Blade Server Support Consultant Certification– Field Delivery Exam Submission



## TRAININGS

- Oracle SuperCluster for System Administrator Ed 2 – Doha, Qatar
- Oracle SuperCluster for System Administrator Ed 1 – Doha, Qatar
- Oracle Solaris 11 Advanced System Administrator Ed 6 – Doha, Qatar
- Oracle Solaris 11 System Administrator Ed 6 – Doha, Qatar
- Oracle Solaris Cluster 3.2 Administration in New Horizon (Sun Education Partner) – Dubai, UAE
- Commvault SIMPANA Core Fundamental and Implementation & Maintenance – Doha, Qatar
- IBM AIX VIOS Implementation and Troubleshooting - GBM Bahrain
- EMC Networker Administrator for UNIX and Windows - EMC Dubai, UAE
- EMC Clariion Troubleshooting - EMC Frankfurt, Germany
- EMC Centera Maintenance & Installation - EMC Frankfurt, Germany
- EMC Clariion Maintenance & Installation - EMC Frankfurt, Germany



## PERSONAL DETAILS

**Languages Known:** English, Hindi and Arabic

**Address:** Doha, Qatar