ADNAN ADRIKA

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DevOps | SRE | Cloud-Tech | Network Security

With over 5 years of ICT industry experience, I specialize in ensuring continuity of operations and system availability for our clients. I am deeply committed to developing a fast and dependable system that provides an unparalleled experience to consumers by handling a wide range of current modern technology and software development methods, such as DevOps, Site Reliability Engineering, Cloud Computing, Networking, and IT Security.

AREAS OF EXPERTISE:

- Continuous integration (CI)
- Continuous Deployment (CD)
- Containerization & Orchestration
- Infrastucture as Code (IaC)
- Monitoring and Logging
- Virtualization Platform
- Multi Cloud Platform Architech
- System Security Architech
- Vulnerability Assessment and Penetration Testing
- Hardening

CERTICATION:

- AWS Certified Solutions Architect – Professional
- Microsoft Certified: Azure Solutions Architect Expert
- Microsoft Certified: DevOps Engineer Expert
- Microsoft Certified: Cybersecurity Architect Expert
- Cisco Certified CyberOps Associate
- Dell Specialist - Implementation Engineer, Data Center Networking
- Microsoft Certified: Security Operations Analyst Associate
- Microsoft Certified: Azure Administrator Associate
- Cisco Certified Network Associate
- Microsoft Certified: Azure Database Administrator Associate
- Microsoft Certified: Azure Data Engineer Associate
- Microsoft Certified: Azure Network Engineer Associate
- Microsoft Certified: Azure Security Engineer Associate
- Microsoft Certified: Azure Developer Associate Dell Associate – Networking
- AWS Certified Solutions Architect – Associate
- AWS Certified Developer – Associate

PROFESSIONAL EXPERIENCE

Telkomsigma
PROGRAMMER ANALYST APPLICATION IMPLEMENTATION   **Apr 2022 - Present**

As a Programmer Analyst specializing in Application Implementation, I work to guarantee smooth, uninterrupted system operation and continuous availability. To achieve these goals, I take a holistic approach, analyzing all relevant system aspects. Here are some key areas of expertise:

• CI/CD Pipeline Automation: I leverage CI/CD practices to ensure seamless system deployments and patching without impacting ongoing operations. With tools like GitLab-CI, Argo CD, bash scripting, and Jenkins, I've streamlined the development lifecycle and accelerated the delivery of high-quality software. (Gitlab-CI, Argo-CD, Bahs Scripting, and Jenkins)

• Kubernetes and Containerization Expertise: I possess hands-on experience with Kubernetes and have successfully utilized Rancher for containerization and orchestration. This empowers me to effectively manage and scale containerized applications, guaranteeing optimal performance and efficient resource utilization. (Docker, Kubernetes, Openshif, Rancher)

• Performance Monitoring and Optimization: To guarantee smooth system operations, I actively monitor client system performance and ensure scalability to accommodate various workloads. I leverage tools like Grafana and Prometheus to effectively analyze logs and optimize system performance. (Grafana, Prometheus, Solarwind, PRTG, ELK)

• Cloud Infrastructure Management: As a cloud specialist, I ensure applications run smoothly on platforms like AWS and Azure. This involves optimizing performance, implementing robust security measures, and establishing reliable backup and disaster recovery plans. I can also migrate virtual machines between cloud platforms to meet evolving needs. (AWS, Azure)

Telkomsigma
SYSTEM & NETWORK INFRASTRUCTURE ENGINEER   **Aug 2018 – Present**

As a System & Network Infrastructure Engineer, I'm responsible for designing, implementing, maintaining, and troubleshooting an organization's IT infrastructure. This ensures the smooth operation of systems, networks, and related technologies. My duties encompass:

•Virtualization: expertise includes managing virtual machines (VMs), optimizing their performance, ensuring security, implementing backups, and migrating VMs between platforms. (VMware, Proxmox, Openstack, and Citrix XenServer)

•Network Infrastructure: I design, configure, and maintain network devices like routers, switches, and firewalls. I also monitor network connectivity, troubleshoot issues, implement security measures (inbound and outbound), and optimize traffic flow. (Palo Alto, Fortinet, Cisco Nexus/ACI, MikroTik, and Dell)

• System Administration: Installing and configuring operating systems on servers and workstations. This includes managing user accounts, permission, and performing updates and backups, cronjob, services, logs, etc. (Windows Server, Linux Dist, Apache, Nginx, IIS, Active Directory)

• Databases: Setup database, Manage and optimize database performance, security, backups, and schema modifications. (Oracle, Postgresql, MSSQL, MySQL)

• Disaster Recovery: I develop comprehensive backup and recovery plans to guarantee data integrity. This includes experience with solutions like VRM, SRM, Veeam Replication, and Oracle Data Guard. Additionally, I have successfully recovered systems from Lockbit 3.0 ransomware attacks on two separate occasions. (VRM, SRM, Veeam Replication, Oracle Data Guard, and Dell Networker Backup)

• Security: Enforcing measures to protect systems and networks. This involves conducting security audits, vulnerability assessments, and penetration tests. (XDR, Acunetix, Tenable Nessus, Nexpose, Kali Linux, SQLmap)

EDUCATION

Telkom University
Bachelor of Engineering in Telecommunications   **Aug 2018**
*   GPA 3.09/4.0