



ABHIJEET ADHIKARY

Lead System Engineer with over 10 years of experience in leading cross-functional teams to modernize core infrastructure, spanning **Hybrid Cloud ,VMware virtualization (500+ VMs)**, and **Kubernetes**. Proven track record in achieving **ISO 27001 and CMMI Level 3** certifications while ensuring 99.9% uptime. A strategic problem-solver specialized in bridging the gap between legacy hardware and modern DevOps automation.

PROFESSIONAL EXPERIENCE

Lead System Engineer

BRACIT Services Limited, Dhaka | Jul 2024 – Present

- **Infrastructure Leadership:** Lead and mentor the System & Network Engineering teams, coordinate daily operations for Core Infrastructure and plan capacity upgrades/modernization. Collaborate with DevOps, Security, and Application teams. Act as escalation point for critical infrastructure incidents.
- **DevOps & Platform Management:** Administer on-premises GitLab and Harbor Container Registry (RBAC, vulnerability scanning, lifecycle. Optimize CI/CD pipelines and build runners.
- **Network & Security:** Manage enterprise firewalls (Palo Alto, FortiGate. Perform offensive security hardening, attack surface reduction, and regular rule audits.
- **Identity & Endpoint:** Manage Microsoft MECM (SCCM) for patching/compliance and administer Hybrid Active Directory/Azure AD (Entra ID).
- **Docker Experience:**
Containerization Experienced in working with Docker for containerization and managing containerized applications.
- **Kubernetes Experience:**
Hands-on experience in Kubernetes cluster administration, troubleshooting, networking, and storage

CONTACT

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SKILLS

- Cloud: AWS (EC2, S3, IAM, Elastic Beanstalk), Google Cloud, Azure
- Virtualisation: VMware ESXi, vSphere, Hyper-V, KVM
- DevOps: Kubernetes, Open source, Linux, Terraform, Docker, GitLab, CI/CD
- Security: ISO 27001:2013, ISO 9001, CMMI L-3, SIEM, Kaspersky, SSL/TLS
- Monitoring: ELK Stack, Prometheus, Grafana
- Scripting: Bash, Python, YAML

CERTIFICATIONS

- VMware Certified Professional - Data Center Virtualization 2024
- Certified Kubernetes Administrator (CKA)
- AWS Fundamentals: Going Cloud-Native
- CompTIA Server+
- Cloud Systems and Infrastructure
- Linux Server Management and Security
- Red Hat Certified System Administrator
- Redhat Fundamentals of Ansible
- Microsoft Certified: Information Protection and Compliance Administrator Associate
- Microsoft Certified: Windows Server Hybrid Administrator Associate
- Microsoft 365 Certified: Administrator Expert
- Microsoft Certified: Azure Administrator Associate
- Google System Administration and IT Infrastructure Services

- **Cloud & Hybrid Ops:** Design and operate Hybrid Data Center architecture and manage Microsoft Azure VMs/services.
- **Compliance:** Participated in and led system teams for ISO-27001:2013, ISO- 9001, and CMMI-level 3 certifications.

Senior System Engineer

BRACIT Services Limited, Dhaka | Jan 2023 – Jun 2024

- **Data Center Management:** Skilfully oversaw the maintenance and operations of on-premises data centres, ensuring optimal performance and reliability.
- **Virtualization:** Managed 20+ ESXi hosts and 500+ VMs; utilized vSphere features (HA, DRS, vMotion, vROPS) to ensure 99.9% availability.
- **Email & Collaboration Services:** Manage Hybrid Email Infrastructure (On-Prem + Microsoft 365). Troubleshoot mail flow, security, and compliance issues.
- **Active Directory Administration,** including domain controller restoration, updates, migrations, Group Policy, and advanced DNS/DHCP Server management.
- **Hybrid Identity & Single Sign-On (SSO):** Spearheaded the integration of on-premises AD with cloud identity providers (Azure AD, AWS IAM) and open-source solutions like Keycloak.
- **Web Stack & Monitoring:** Configured and monitored ELK Stack, Nginx, Prometheus, and Grafana for high-performance web server management.
- **Cloud Deployment:** Streamlined software delivery using AWS App Runner, Elastic Beanstalk, and Jenkins.
- **Cybersecurity:** Led incident investigation and remediation; provided RCA support for critical system issues.
- **Backup Services Veeam Backup:** Experienced in working with Veeam Backup and Replication to back up 300+ VMs regularly.
- **Web Security:** Open-source PAM Server Administration, performed Linux server hardening with firewall management, Fail2ban, port knocking, file permissions, and PAM authentication.

EDUCATION

Master of Science in Computer Science and Engineering
Royal University of Dhaka | 2024 | CGPA: 3.56/4 |

Bachelor of Science in Electronics and Telecommunication Engineering

Southeast University | 2014 | CGPA: 2.88/4 |

Higher Secondary Certificate (HSC)

Police Line Schol & College | 2008 | GPA: 3.20/5 |

Secondary School Certificate (SSC)

Mirpur Bangla High School | 2005 | GPA: 4.50/5 |

TRAINING

- Azure Infrastructure Fundamentals by University of Colorado System
- Enterprise System Management and Security by University of Colorado System
- Red Hat Certified System Administrator (RHCSA)
- Red Hat Certified Engineer (RHCE)
- Microsoft Certified Solutions Associate, MCSA 2016
- Customer Orientation & Services Customer Orientation & Services
- Professional skill Development Program
- Skills Development Training on Fire Safety, Basic First Aid & Casualty Management

LANGUAGES

- English | Upper | Intermediate | B2
- Bengali | Advanced | C1

System Engineer

BRACIT Services Limited, Dhaka | May 2019 – Dec 2022

- **Database Management Experience:** Good experience with EDB, PostgreSQL, MS-SQL Server 2005/2008/2012, and MongoDB.
- **Security Administration:** Experienced with Kaspersky Security Center (KAV) for administration, distribution, and deployment.
- **Multi-Platform OS:** Administered Linux (RHEL, CentOS, Ubuntu) and Windows Server (2008-2019) environments.
- **Automation:** Developed complex automation solutions using Shell scripting, Expect, Sed, and Awk.
- **Security Hardening:** Implemented SSL certificates in large infrastructures, including Let's Encrypt certificate implementation, SSL certificate conversion and migration, and troubleshooting SSL certificate installation issues.

IT Support Engineer

BRACIT Services Limited, Dhaka | Jan 2017 – May 2019

- Provided Tier 2/3 support for 400+ users, resolving complex Windows PCs & Mac and hardware issues.
- Managed IT procurement and maintained a 13-year asset inventory.
- Configured and troubleshot CCTV, Attendance device.

IT Support Engineer

Aamra Networks Limited, Dhaka | Jan 2015 – Dec 2016

I was Working as Regional IT Support Engineer at DEBENHAMS Hongkong Pvt. Ltd. (Bangladesh Liaison Office), Provided end-to-end IT support for 100+ users. Maintained on-premises data center, Microsoft Exchange email system, Cisco-based Wi-Fi and ISP routing, CCTV systems, and overall infrastructure operations.

EARLY CAREER & INTERNSHIPS

Gakk Media (BD) Ltd. | Content Executive | Mar 2014 – Sep 2014

QUBEE | Technical Support Intern | Dec 2013 – Jan 2014

PERSONAL DETAILS

- Height: 5'6
- Weight: 70
- Blood Group: B+
- Date of birth: 1990-06-02
- Gender: Male
- Nationality: Bangladeshi
- Marital status: Married
- Religion: Hinduism

REFERENCES

Name: MASHRUBUL FOYSAL SHUVO
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