

Asif Mahmud

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SUMMARY

Agile-enthusiastic IT professional with experience in data center operations, IT infrastructure, system integration, and AI project development. Adept at troubleshooting, collaboration, and ensuring operational continuity in mission-critical environments.

EXPERIENCE

IT Associate

Bangladesh Meteorological Department

July 2024 – Present

- Lead troubleshooting of enterprise system and network issues, maintaining service availability for critical meteorological operations.
- As a system admin, configure and maintain servers, SAN/NAS storage arrays, and LUN provisioning, enhancing system scalability and reducing downtime.
- Establish and enforce secure data integration frameworks (FTP/SFTP), enabling seamless data sharing with different stakeholders.
- Author standard operating procedures (SOPs), low-level design (LLD) diagrams, and system documentation to ensure compliance and operational standardization.
- Manage and deploy NMS, BMS, and SOC tools, strengthening monitoring capabilities and improving incident response times.
- Provide technical leadership by supervising server, VM, and storage infrastructure, mentoring junior staff, and ensuring high-availability systems.

IT Support Intern

World Bank-BWCSR Project under BMD

May 2023–June 2024

- Spearheaded implementation of the Meteorological Information Communication System (Tier 2 Data Center), enabling real-time meteorological data processing.
- Coordinated with 6+ vendors to integrate IT packages, ensuring interoperability and alignment with project timelines.
- Monitored and optimized 60+ servers, storage devices, and VM instances, achieving a fair uptime.
- Developed and implemented a comprehensive asset management system.
- Delivered troubleshooting and technical support for network and system infrastructure, reducing incident resolution time.

Intern (Project: Ortho AI)

Datasoft Systems Bangladesh Ltd

January 2023 – April 2023

- Researched and contributed to the development of an AI-assisted orthopedic surgery system for total hip arthroplasty.
- Applied image processing techniques to refine AI model accuracy, ensuring readiness for real-world deployment.
- Conducted software testing and system validation to ensure reliability and performance in clinical scenarios.
- Presented research progress in seminars and technical forums, enhancing knowledge sharing across the team.

EDUCATION

B.Sc. in Computer Science and Engineering

Major in Computer Engineering • American International University Bangladesh • 2019 – 2023 • 3.59/4.00

- Coursework: Computer Networks, Distributed Systems, Data Science, AI & Machine Learning.

Higher Secondary Certificate (Science)

Cambrian College, Dhaka • 2016 – 2018

Secondary School Certificate (Science)

Victoria Jubilee Govt. Secondary School, Chuadanga • 2016

CERTIFICATIONS

Cisco CyberOps Associate

Big Data and Hadoop Training – Bangabandhu Sheikh Mujib Hi Tech Park, Rajshahi Project

SKILLS

- IT System Management & Data Center Operations
- VMware, Storage, Server & Virtualization Management
- System Configuration, Troubleshooting & Optimization
- Network & Security Monitoring (NMS, BMS, SOC)
- Disaster Recovery & Business Continuity Planning
- Vendor & Stakeholder Management, Asset Management & Documentation (SOPs, LLDs, HLDs)
- Team Collaboration, Training & Knowledge Transfer

REFERENCES

S.M. Quamrul Hassan

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