

MD SHOURAV HOSSAIN

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OBJECTIVE

IT Officer and DevOps Engineer specializing in cybersecurity, secure server operations, and infrastructure monitoring. Experienced in system hardening, access control, incident prevention, and data integrity across Linux and Windows environments. Committed to building resilient, secure systems through automation, continuous learning, and disciplined operational practices.

EXPERIENCE

10/2022 - Current

IT Officer | Bagbari, Kashimpur, Gazipur.

Unimas Sportswear Limited.

Subsidiary of Mainland Holdings Ltd. HK

Ensure IT systems operate smoothly to support and enhance business operations.

Manage, implement, and troubleshoot ERP systems and related IT infrastructure.

Lead team meetings, define IT roles and responsibilities, and coordinate daily tasks to maintain seamless IT workflows.

Oversee and verify accurate data entry across systems, ensuring alignment with organizational goals and compliance standards.

Maintain and optimize network infrastructure to support reliable connectivity and performance.

Apply cybersecurity best practices to safeguard systems and data from internal and external threats.

Perform basic network penetration testing to identify vulnerabilities and support risk mitigation efforts.

Collaborate with cross-functional teams to align IT solutions with business needs and improve operational efficiency.

02/2022 – 08/2022

Jr. IT Support Officer | Ishwardi, Pakshi, Pabna.

Ishwardi EPZ

To assist in maintaining IT infrastructure by ensuring network lines and CCTV systems are functioning correctly. Experienced in troubleshooting and fixing network connections, installing, and maintaining CCTV cameras, and supporting basic IT needs. Dedicated to providing hands-on technical support to keep systems operational and secure, with a focus on reliability and timely issue resolution.

EDUCATION

On Going

BSc In Computer Science.

Northern University Bangladesh | Ashkona, Dakshinkhan, Dhaka-1230

CGPA: on-going.

02/2021

Diploma in Electrical Engineering.

Bangladesh Polytechnic Institute, Rajshahi | Hatem Kha, Kolabangan, Rajshahi-6000

CGPA: 3.59.

01/2017

Secondary School Certificate.

Biddut Unnayan Board High School | Bhearamara, Kushtia.

CGPA: 4.27.

SKILLS & ABILITIES

- **Cybersecurity, AD & HCI Management:** Skilled in implementing security measures, managing Active Directory controllers, and optimizing Hyper-Converged Infrastructure for streamlined IT operations.
- **CD/CI:** Understanding of **CI/CD pipelines** and automation concepts to streamline development and deployment workflows. **Git & GitHub** for version control and collaboration.
Knowledge of **Docker fundamentals** and container-based application packaging. Experience deploying lightweight services using **Cloudflare Workers** and cloud-based platforms.
- **Monitoring Network and Server Security:** Skilled in network and server monitoring, applying cybersecurity best practices to safeguard system integrity. Proficient in tools such as Burp Suite, Nessus, Nmap, Wireshark, and the Metasploit Framework to identify vulnerabilities, monitor traffic, and conduct basic penetration testing, supporting the overall security and resilience of IT environments.
- **Server & Data Management:** Proficient in server performance optimization (Synology NAS, My Q print servers) and establishing reliable data backup solutions.
- **IoT & Embedded Systems Development:** Skilled in building IoT devices using Arduino, ESP microcontrollers, and Raspberry Pi, integrating various sensors for automation and monitoring applications.
- **Programming & Scripting:** Competent in **C++, Python, HTML, CSS, and Java**, with experience in both front-end development and scripting for hardware and software integration.
- **AI & Prompt Engineering:** Knowledgeable in prompt engineering and applying AI tools for automation, research, and workflow enhancement.
- **User Support & Problem-Solving:** Experienced in addressing hardware/software issues to improve user satisfaction and productivity.

ACHIEVEMENTS

11/2025	Pre Security Certification tryhackme.com Cyber security, basics Networking basics and weaknesses, The web and common attacks ,Learn to use the Linux operating system. Credential ID THM-BGYIYHOFHF <u>Verify</u>
12/2025	Advent of Cyber 2025 tryhackme.com Focus: Cloud security, detection engineering, threat simulation, and real-world incident response in modern environments. <u>Verify</u>
12/2024	Advent of Cyber 2024 tryhackme.com Focus: Cloud security, detection engineering, threat simulation. <u>Verify</u>
12/2023	Advent of Cyber 2023 tryhackme.com Focus: Web app security, malware analysis, blue team tactics. <u>Verify</u>
05/2022	Advent of Cyber 2021 tryhackme.com Focus: Networking, secure coding, cryptography. <u>Verify</u>
07/2021	Advent of Cyber 2020 tryhackme.com Focus: Fundamentals, password attacks, privilege escalation. <u>Verify</u>

ADDITIONAL INFORMATION

Name: MD Shourav Hossain.
Father Name: Md. Shahin Mia.
Mother Name: Mst. Khodeza khatun.
Date of Birth: 8th October 2001.
Sex: Male.
Married Status: Unmarried.
Religion: Islam.

COMMUNICATION

Strong written and verbal communication skills in English and Bangla, including the ability to provide constructive feedback and collaborate effectively with others. And also fluent of Hindi.

LEADERSHIP

Ability to manage multiple projects simultaneously and meet tight deadlines, while maintaining the highest standards of quality.