

Tanvir Ahmed

Cyber Security Analyst & Intern

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Summary

Cyber Security Analyst Intern actively pursuing a Higher National Diploma (HND) in Cyber Security at Regent Middle East. Skilled in ethical hacking, SIEM tools, network security, and intrusion detection. Holds certifications from Google, Cisco, CompTIA, Microsoft, and TryHackMe, with a strong emphasis on risk analysis and secure systems.

Education

Regent Middle East
BETEC in Cybersecurity

Dubai, United Arab Emirates
June 2024 - July 2026

Experience

Shikhbe Shobai | Frontend Developer Intern

Dhaka, Bangladesh | 2022-01-01 - 2023-03-01

Developed and maintained responsive web interfaces utilizing HTML, CSS, and JavaScript frameworks to ensure an optimal user experience across various devices. Collaborated with design and back-end teams to create user-friendly interfaces and integrate essential functionalities. Optimized code for performance and accessibility, adhering to best practices in front-end development.

Village Tech | WordPress Developer Intern

Dhaka, Bangladesh | 2023-06-01 - 2024-04-01

Assisted in developing, customizing, and maintaining WordPress-based sites, ensuring robust performance and security measures. Managed theme customizations, plugin integrations, and routine maintenance to enhance site functionality and security. Engaged with marketing and design teams to iterate and improve frontend appearance and user experience.

Skills

Programming Languages:	HTML, CSS, C, C++, Python, PHP, JavaScript, Ruby Bootstrap, React,
Libraries/Frameworks:	WordPress, Shopify, jQuery Wireshark, Nmap, Metasploit, Burp Suite, Splunk,
Tools / Platforms:	ELK Stack, Microsoft Sentinel, Google Chronicle SIEM, Git, Bash SQL,
Databases:	MySQL
Soft Skills:	Analytical & Problem-Solving, Communication, Teamwork & Collaboration, Adaptability

Projects / Open-Source

Google Cybersecurity Certificate Projects: File Permissions, Python, SQL

Security Audit, Incident Response, NIST Framework, Linux

A series of projects including Security Audit, Incident Handler Journal, Incident Response Using the NIST Framework, Linux File Permissions, Python Algorithm for security tasks, and SQL Queries & Filters.

Planning a Computing Project (Pearson-set) | Regent Middle East (HND in Cyber Security)

Computing Project, Cybersecurity, Project Management, Risk Assessment, Compliance, Ethical Considerations

Developed and executed a structured computing project following industry-standard methodologies. Conducted risk assessments and implemented cybersecurity best practices to mitigate threats. Applied project management frameworks to ensure efficient planning, execution, and documentation. Integrated compliance and ethical considerations into project design.

Encryption and Decryption System

Developed a robust encryption and decryption tool utilizing cryptographic algorithms to secure data. Implemented AES, RSA, and SHA techniques to enhance confidentiality and integrity.

Password Hashing System

Designed a secure password hashing mechanism using BCrypt and SHA-256, improving authentication security and preventing unauthorized access. Integrated salting techniques for additional protection.

AI-Powered Automated Incident Response System

Created an AI-driven cybersecurity framework for automated threat detection and incident response, leveraging machine learning algorithms to analyze security events and mitigate risks proactively.

EmailGuard Malware Detection for Email Security

Created a malware detection tool for enhancing email security. This tool employs heuristic analysis along with AI-driven threat identification to effectively identify and remove malicious attachments and phishing attempts.

Face Detection System

Developed an automated facial recognition attendance system that combines computer vision and deep learning technologies to enhance identity verification and bolster access control security.

Certifications

- CISSP Introduction Certificate – Simple Learn
- Google Cyber Security Certificate – Coursera
- Cisco Cyber Security Certificate – CISCO
- Meta Frontend Developer Certificate – Coursera
- Cisco Ethical Hacking Certificate – Coursera
- Harvard Verified Cyber Security Introduction Certificate – edX
- CompTIA Certificate – Alison
- Microsoft Cyber Security Certificate – Coursera
- IBM Cybersecurity Case Studies and Capstone Project – Coursera

TryHackMe Cyber Security Certificate- Hand On Practical

Honors & Awards

Microsoft Guinness World Record

Language

English

Hobby

Reading Books, Tackling Challenges, Coding

Reference

Available upon request.