MD MAHMUDUZZAMAN KAMOL

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⋄ [Linkedin](#) ⋄ [Github](#) ⋄ [Personal Website](#)

OBJECTIVE

With a strong background in security testing and vulnerability management, I am passionate about advancing my career in the field of cybersecurity. I am eager to contribute to cutting-edge research and practical applications, aiming to enhance knowledge and make meaningful contributions to the ever-evolving landscape of cybersecurity.

EDUCATION

BSc in Computer Science and Engineering   Jan 2020 - Present
American International University Bangladesh   **CGPA - 3.98/4.00**
Relevant Coursework: Network Security, Computer Networks, Advanced Programming In Web Technology, Microprocessor & Embedded Systems and Introduction To Data Science

SKILLS

Technical Skills	Security Testing, Vulnerability and Risk Assessment
Tools	Burp Suite Pro, Nuclei, Nmap, Nessus, Deep Security, Apex One, Splunk
Programming Skills	Python, PHP, Bash, SQL
Compliance Framework	PCI-DSS

EXPERIENCE

Associate, Security Operation Centre   Sept 2023 - Present
SSL Wireless   *Dhaka,Bangladesh*

- Conduct penetration testing for Networks, API, Web and Mobile applications with a focus on real-world threats.
- Collaborate with others in maintaining SIEM, EDR and Nessus
- Created a comprehensive secure coding checklist to enhance software development practices.
- Contribute to the creation and maintenance of security documentation, including incident reports, penetration testing reports and standard operating procedures (SOPs).
- Collaborate with cross-functional teams to identify and mitigate security risks and vulnerabilities.
- Ensure that security operations align with regulatory requirements and industry standards, with a particular focus on PCI-DSS compliance to safeguard payment card data.

Intern, Security Operation Centre   Jun 2023 - Aug 2023
SSL Wireless   *Dhaka,Bangladesh*

- Assist in conducting penetration testing for web applications to identify vulnerabilities and security weaknesses.
- Maintain organized records of web application penetration testing results, vulnerabilities discovered, and actions taken.
- Learn about and contribute to ensuring that web application security aligns with relevant regulatory requirements, including PCI-DSS.

PROJECTS

DMT - Metro Rail Ticketing Web Application
This is a ticketing web application with a React frontend and a Laravel API backend. The application is designed to simplify the ticket booking process and includes features such as integrated payment gateways supporting all types of payments available in Bangladesh, as well as live location tracking. [(Check here)](#)

Diabetes Prediction Using KNN
This project uses Pima Indians Diabetes Database to predict outcomes. It starts by cleaning the data and normalizing features. The k-Nearest Neighbors algorithm is then applied to create a diabetes outcome prediction model, with accuracy assessed using a confusion matrix, aiming to improve healthcare decision-making. (Check here)

Hospital Management System
This is a web application made with PHP, jQuery, CSS, and JavaScript which simplifies the complex hospital management processes. (Check here)

EXTRA-CURRICULAR ACTIVITIES

Vice President of Publications, Dhaka College Science Club 2019 - 2020

- Led the Publications team, overseeing content creation and editing.
- Editor of the 7th edition and contributor to the 6th edition of "Sputnik" annual magazine.
- Contributed to the organization of 7th DCSC National Science Exposition 2020.

TEACHING AND TUTORING EXPERIENCE

Tutor for 8th-10th Grade Students 2020 - 2023

- Tutored 8th-10th grade students in Physics, Chemistry, and Math.
- Provided one-on-one and group tutoring sessions to enhance understanding of complex concepts.

Tutor for 11th-12th Grade Students (Information and Communication Technology) 2020 - 2022

- Conducted tutoring sessions for approximately 20 students in Information and Communication Technology (ICT).
- Assisted students in developing ICT skills and understanding software applications.

CERTIFICATION

- CyberOps Associate (CISCO)
- Security Analyst Bootcamp by VTF

HALL OF FAME / ACKNOWLEDGMENT

- Netflix
- University of Notre Dame
- Delivery Hero
- Achmea

ACHIEVEMENTS

- Dean's List Honors (Consecutive 5 Times) for maintaining a consistently high GPA throughout Spring 2020-21 to Fall 2022-23
- Placed 17th on CTO Forum Innovation Hackathon 2022