**Abu Sharrukh Alam**

Dhaka, Bangladesh | +8801775558769 | abu.sharrukhalam@gmail.com | [www.linkedin.com/in/abu-s-alam-cybersecurity](http://www.linkedin.com/in/abu-s-alam-cybersecurity) | https://github.com/abualam-cyber

**PROFESSIONAL summary**

Dynamic and meticulous Cybersecurity professional with a strong academic foundation and practical experience in secure programming, network infrastructure design, and penetration testing. Proficient in various programming languages including Java, C++, and Python, coupled with expertise in security frameworks such as NIST CSF and OWASP Top 10. Recognized for developing comprehensive security policies and authentication applications, demonstrating a commitment to mitigating security risks and ensuring data integrity. Adept at collaborating with stakeholders to deliver tailored solutions aligned with business objectives and driving initiatives to fortify network infrastructure against cyber threats. Effective communicator fluent in English, Bengali, Hindi, and Urdu, facilitating seamless interactions with diverse teams and clients.

**certifications & licensures**

CompTIA Security+ Pending: May 2024

CompTIA Pentest+ Pending: May 2024

CEH Ethical Hacker Certification Pending: August 2024

**Skills And Frameworks**

Microsoft Office Suite | Python | Java | C++ | Penetration Testing | Nmap | Metasploit | Kali | NIST CSF | OWASP Top 10 | CIS Controls | Secure SDLC | NIST SP 800-61 | Reading and Writing Fluency: English, Bengali | Speaking Fluency: Hindi, Urdu

**ACADEMIC/notable PROJECTS**

**Authentication Application**: Developed an authentication application in Java to ensure secure access to segmented data, implementing features such as username and password verification against a credential database. Implemented security measures to limit login attempts and grant access based on user roles, enhancing data protection. Customized the application to display role-specific information upon successful login. GitHub Repository: [https://github.com/abualam-cyber/Java-Authentication]

**Security Policy Template**: Designed a comprehensive security policy template in C++ outlining best practices for secure programming. Identified and addressed 20 common coding security vulnerabilities, providing guidelines for their mitigation. Covered programming security principles, C++ coding standards, encryption techniques, and AAA (Authentication, Authorization, and Accounting) policies. Included sections on risk assessment, audit controls, and management strategies to ensure robust security protocols. [https://github.com/abualam-cyber/Security\_Policy\_Coding\_Standards]

**Education**

Southern New Hampshire University, Manchester, NH, USA

**Bachelor of Science in Cybersecurity/Concentration Secured Programming** 03/2024

GPA 3.93, Summa Cum Laude, Dean’s List

**Professional Experience**

**Freelance Application Developer** 08/2018 - Present

Self-Employed (Dhaka, Bangladesh)

* Collaborate closely with clients to gather requirements, propose solutions, and ensure alignment with business objectives.
* Collaborated with clients and other developers on 12 projects to design, develop, and deploy 12 secure, modular, and scalable proprietary applications tailored to client specifications.
* Conduct comprehensive unit testing JUnit5 to ensure robust functionality and identify and rectify potential flaws promptly.
* Utilize Agile methodologies to manage project timelines, prioritize tasks, and adapt to changing requirements efficiently.
* Demonstrate strong communication skills to effectively convey technical concepts to non-technical stakeholders and facilitate productive client interactions.
* Increased client satisfaction by 20% after completion and successful delivery of secure and functional applications.
* Adoption of Agile methodologies and frameworks helped reduce turnaround time on projects by nearly 25%, allowing for faster delivery of projects.

**Director** 06/2021 – Present

TeleExchange Ltd. (Dhaka, Bangladesh)

* Spearheaded the design and implementation of a robust network infrastructure to bolster security measures, resulting in around 33% decrease in security incidents.
* Implemented advanced physical security protocols, including the installation of biometric locks on perimeter entrances and server rooms, fortifying the company’s premises against unauthorized access.
* Conducted continuous monitoring, assessment, and auditing of security measures to ensure compliance with industry standards, and company regulations, contributing to a 40% improvement in company’s security posture.