

## Al Shaharia Hossen

📍 Mirpur, Dhaka, Bangladesh

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### Professional Summary

Highly motivated and detail-oriented **Computer Science and Engineering** student with a strong foundation in **cybersecurity, networking, and programming**. Passionate about **ethical hacking, network security, and software development**, with hands-on experience in troubleshooting and digital security. Adept at problem-solving, research, and technical communication. Seeking opportunities to apply and enhance cybersecurity and development skills.

### Technical Skills

- **Programming Languages:** C, C++, Python (Basic)
- **Cybersecurity:** Network security, Ethical hacking fundamentals, Encryption techniques
- **Networking:** TCP/IP, Firewalls, VPN, Troubleshooting
- **Software Tools:** Microsoft Office (Advanced), Visual Studio (Competent), Adobe Photoshop (Beginner)
- **Operating Systems:** Windows, Linux (Basic)

### Education

#### Bachelor of Science in Computer Science & Engineering (CSE)

📍 University of South Asia, Dhaka

📅 September 2024 – Present (Currently in 2nd Semester)

📊 CGPA (3rd Semester): 3.83/4.00

### Certifications & Courses

- **Harvard's CS50: Introduction to Computer Science** (Ongoing - Coursera)
- **C++ Programming Course** (Coursera & Udemy)
- **Cybersecurity Awareness & Ethical Hacking Fundamentals** (Coursera & Udemy)
- **Microsoft Office Certification**
- **Basic CCNA Certification (Alison)**

### Experience & Projects

#### Cybersecurity & Networking Enthusiast (Self-Learning & Practice)

- Gained hands-on knowledge in **network security, penetration testing, and encryption** through online labs and projects.
- Identified **common cyber threats** (phishing, malware, social engineering) and implemented security best practices.
- Practiced **firewall configuration, VPN setup, and ethical hacking concepts** using virtual labs.

#### Programming & Technical Skills Development (C & C++)

- Developed a **C++-based algorithm for data encryption** as a learning project.
- Applied **data structures and algorithms** from Harvard's CS50 to implement basic sorting and searching algorithms.
- Debugged and optimized C++ applications to improve performance and memory efficiency.

### Languages

- **Bengali:** Native
- **English:** Conversational

### References

#### 👤 Sondip Poul Singh

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