

Abdul Hakim Shifat

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EDUCATION

Bachelor of Computer Science and Engineering

Bangladesh University of Professionals (BUP) ⓘ

- CGPA: 3.45 / 4.00 (up to 5th semester)

Jun 2023 – Jul 2027 (Expected)

Dhaka, Bangladesh

Higher Secondary Certificate (HSC)

Nawab Fayzunnesa Govt. College ⓘ

- GPA: 5.00 / 5.00 Group: Science

2019 – 2021

Cumilla, Bangladesh

Secondary School Certificate (SSC)

Kakirtala High School ⓘ

- GPA: 4.89 / 5.00 Group: Science

2014 – 2019

Cumilla, Bangladesh

TECHNICAL SKILLS

Languages

C, C++, Python, Java, JavaScript, HTML5, CSS3, SQL

Security Focus

Reverse Engineering, Binary Analysis, CTF Problem Solving, Web Security Basics, Network Security Basics, OWASP Top 10 Familiarity

Cybersecurity Tools

IDA, Burpsuite, Wireshark, Nmap

Tools & Platforms

Linux, Git, VS Code, Docker

Interests

Offensive Security, Security Automation, AI-assisted Security Testing, LLM Security Basics

PROJECTS

iNiR Desktop Shell | ⓘ Source

QML / Quickshell / Niri

- Open Source Contribution:** Implemented a configurable scroll action system and global workspace scroll inversion; feature accepted upstream via maintainer cherry-pick (**PR #53**).

YTUI Music (AUR Package) | ⓘ Source

Python / Textual / mpv

- Creator & Maintainer [Open Source]:** Built a terminal-based YouTube player with Vim-style navigation and Kitty thumbnail support, published on the **Arch User Repository (AUR)**.

Personal Portfolio & Blog | ⓘ Source

Astro / Obsidian / Tailwind

- Developed a theme-driven site that dynamically renders content from an Obsidian vault, automating the pipeline from private technical notes to public blog posts.

Tiny x64 Bootloader | ⓘ Source

Assembly / x86_64

- Built a minimal 512-byte x64 boot sector to understand BIOS boot flow, real-mode initialization, segment register setup, and stack behavior, strengthening low-level knowledge relevant to reverse engineering.

ACHIEVEMENTS

CTFtime — Currently Ranked 3rd in Bangladesh	2026
TexSAW 2026 — Global Rank: 22nd(Top 3%) / 747 Teams	Feb 2026
PsychCTF 2026 — Global Rank: 37th(Top 5%) / 684 Teams	Mar 2026
BUET CTF — Team Rank: 7th	Jan 2026
Circuit Clash 1.0 CTF — Team Rank: 6th	Nov 2025
DIU CyberCon National CTF — Team Rank: 7th	Oct 2025
Al-Khwarizmi CTF 2025 Preliminary Round(Finalist) — Team Rank: 11th	Dec 2025
StealthFlags 2025 CTF in Televerse 1.0 by CUET — Team Rank: 13th	Nov 2025
BUP CTF 2025 — Participated	Sep 2025
2025 ICPC Asia Dhaka Regional Preliminary Contest — Team: Brain_Breakers	2025-2026
2024 ICPC Asia Dhaka Regional Preliminary Contest — Team: Missing_Semicolon	2024-2025
2023 ICPC Asia Dhaka Regional Preliminary Contest — Team: BUP_ENOMEM_403	2023-2024
AUST IUPC 2025 — Participated	Feb 2025
DUET IUPC 2025 — Participated	May 2025

CERTIFICATIONS

Certified Red Team Operations Management (CRTOM) — Red Team Leaders	Dec 2025
Problem Solving (Intermediate) — HackerRank	Jan 2025
Linux 100 — TCM Security	Dec 2024

CO-CURRICULAR ACTIVITIES

GeeksforGeeks <i>Campus Ambassador</i>	January 2026 – Present
Serve as the primary point of contact between GeeksforGeeks and BUP.	
Cyber Invasion Army CTF Team <i>Co-Founder and Security Researcher</i>	August 2025 – Present
Coordinating CTF practice, reverse engineering-focused learning, and team participation in national and international cybersecurity competitions.	
BUP Computer Programming Club <i>Sub Executive</i>	June 2024 – Present
Assisting in the coordination of programming contests and technical workshops to foster a robust competitive programming and Cybersecurity culture within the university.	

REFERENCES

Iyolita Islam

Lecturer

Department of Computer Science & Engineering

Bangladesh University of Professionals

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Rumana Yasmin

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