MD. ZAID ALAM

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Introduction

A 2nd year student of Electronics & Communication Engineering with a focus on cybersecurity, signal processing, and embedded systems. experienced with Canva, LaTeX, PowerPoint, and Microsoft Word for documentation. shown leadership in project management, event planning, and student representation.

Education

B.Tech, Electronics & Communication Engineering, GEC Nawada — GPA: 8.12	2023–Present
Higher Secondary (Science), K.L.S College — 83.6%	2020–2022
Secondary Education, Dayal Public School — 88.8%	2018–2020

Experience

Startup Cell Representative, GEC Nawada — 2024–Present

- Promoted entrepreneurial initiatives by facilitating communication between students, instructors, and outside startup networks.
- Arranged and supervised innovation workshops, pitch contests, and startup events at the campus level.
- Established and funded initiatives to assist student-led startups and the institution's startup environment.

Campus Ambassador, E-Cell, IIT Bombay — 2025–Present

- Encouraged entrepreneurship, drawing in more than 150 people.
- Arranged webinars and workshops, which helped our E-Cell rank in the Top 50 NEC 2024.

Cybersecurity Intern, Prodigy InfoTech — May–Jun 2025

- Developed cybersecurity tools: Caesar Cipher, Image Encryption, Password Checker, Keylogger, Network Analyzer.
- Created a 37-page technical report that included results, code, and technique.

Projects

- **Lost and Found Website** — PHP/MySQL platform with search capabilities and authentication for reporting and recovering missing things.
- **Footstep Power Generation** — 8-PZT disk system with 47.8
- **Cybersecurity Tool Suite** — Python-based tools for encryption, ethical hacking, and network analysis.

Skills

Programming: Python, C, C++(OOPS), Arduino
Cybersecurity: Ethical Hacking, Cryptography
Documentation: MS Word, PowerPoint, Canva, LaTeX
Soft Skills: Leadership, Communication, Event Organization

Certifications

HTML5 and CSS3 - Infosys (2023)
Python for Machine Learning & Data Science — IIT Roorkee (2024)
C Programming — IIT Bombay (2024)
Cybersecurity Analyst — Tata Forage (2025)

Achievements

- Top 50, National Entrepreneurship Challenge (Advanced Track) — E-Cell, IIT Bombay — 2024
- Startup & Business Summit — GEC Nawada — 18 May 2025
- IEEE International Symposium on 6G Mobile Wireless Communication — IIT Patna — 2–3 Jun 2025
- Pitch Deck Competition — GEC Nawada — 27 Feb 2024
- राज्य स्तरीय युवा उत्सव 2024, बिहार — Science Exhibition — 30 Nov–2 Dec 2024