TANIYA YADAV

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Chandigarh Engineering College, CGC Landran – Mohali

B.Tech in Computer Science Engineering (IoT, Cybersecurity & Blockchain) | Expected Graduation: 2028

## Career Objective

Aspiring cybersecurity professional with a foundation in IoT, blockchain, and cloud operations. Passionate about ethical hacking, network defense, and digital forensics. Seeking hands-on opportunities to solve real-world security challenges and evolve into a cybersecurity expert.

## Technical Skills

* Cybersecurity Fundamentals
* IoT & Embedded Systems
* Blockchain Basics
* Programming Languages: Python, C, HTML/CSS
* Networking Tools & Protocols
* Port Scanning & Footprinting
* Cloud Operations (AWS)
* Communication & Team Collaboration

## Certifications

* AWS Academy Graduate – Cloud Operations (Issued: Mar 9, 2025) - https://www.credly.com/go/xB9JgjMz
* Internet of Things – INFOSYS SPRINGBOARD Wings (Issued: Sep 21, 2024) - https://verify.onwingspan.com
* Cisco – Networking Essentials, INTRODUCTION TO CYBER SECURITY-ISSUED ON 16-7-2025

## Projects

**Port Scanner using Python**

* Built a Python-based port scanner to identify open ports on target IP addresses.
* Utilized socket programming and multithreading for speed and efficiency.
* Gained practical exposure to reconnaissance techniques in ethical hacking.
* Tools: Python, Socket, Threading