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# Abdullah Khateeb

## Cybersecurity

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Computer Science Engineering Student, Cyber Security, Avid Linux User

### EDUCATION

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**Bachelor Of Technology, Computer Science Engineering** Central University of Kashmir 2022 — 2026  
**School Education (LKG to 12th Standard),** Delhi Public School Srinagar, CBSE Board 2008–2022

### PROJECTS & TECHNICAL EXPERIENCE

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#### Linux Scripting System Automation

- Developed utility scripts using **Bash** to automate common system administration tasks, including service health monitoring and log management.
- Implemented automated file backups using **rsync** and configured scheduling via **Cron** jobs for configuration files.
- Configured custom **systemd** units to ensure script persistence, dependency handling, and auto-recovery for reliability.

#### IoT Automation using Arduino & Python

- Engineered an Arduino control system utilizing temperature and proximity sensors for real-world environmental monitoring and device control.
- Used **Python** scripts to capture, process, and forward real-time sensor data from the Arduino board via serial communication.
- Demonstrated proficiency in integrating hardware components and managing basic serial data protocols for IoT development.

#### Core Competencies

- Active participant on **TryHackMe** platforms, focused on learning offensive and defensive cybersecurity principles, network basics, and ethical hacking.
- Proficient in the **Linux Command Line Interface (CLI)** and possess several years of experience using various distributions including Ubuntu and Debian.
- Earned key certifications including Linux Foundation's **LFS101** and Harvard's **CS50P (Python)** to validate programming and system knowledge.

### SKILLS

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- **Programming Languages:** Python, C, Bash
- **Operating Systems:** Linux (Ubuntu, Debian, KDE), Windows
- **Cybersecurity:** TryHackMe Labs, Network Basics, Ethical Hacking (beginner level)
- **Tools & Platforms:** Git, GitHub, Arduino, CLI, VS Code, Vim, systemd, Cron
- **Concepts:** Linux System Administration, IoT Development, Open Source Tools

### CERTIFICATIONS

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- Linux Unhatched
- LFS101: Introduction to Linux
- Bash Shell Scripting Bootcamp
- Introduction to Programming Using Python
- Linux Administration And Command Line Skills
- Applications of Artificial Intelligence and Machine Learning
- Cybersecurity Essentials (LFC108)
- Linux Desktop Automation