UTKARSH PRATHAM

Cybersecurity & Full Stack Developer | CTF Competitor

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SUMMARY

Driven Computer Science Engineering student specializing in Cybersecurity with a "First Principles" approach to problemsolving. Bridging the gap between offensive security and full-stack development. Proven track record in competitive hacking (Top 10 Global Cipher Hunt 2.0, Rank 1 MeitY CTF) and building secure, scalable systems like the Xaenithra Command Center. Certified AppSec Practitioner (CAP) experienced in GenAI, MERN stack, and digital forensic

EDUCATION

Bachelor of Engineering (Hons) CSE Cybersecurity with IBM
CHANDIGARH UNIVERSITY
📅 01/2025 - 12/2029

EXPERIENCE

Team Leader
Xaenithra

Core Team Member
Cysecsphere Club CU
📅 09/2025 - Present 📍 Location

SKILLS

| C++ | C | Python | JavaScript | TypeScript | SQL |

| HTML | CSS | LaTeX | Penetration Testing |

| Web App Security | Forensics | Burp Suite | Metasploit |

| Wireshark | Kali Linux | React | Node.js | MERN Stack |

| MongoDB | Git | GitHub | Tailwind CSS |

| Generative AI | LLMs | Prompt Engineering |

| Google Cloud Compute |

PROJECTS

TRINETRA | Mobile Forensics Investigation Tool

Tech Stack: React 18, TypeScript, Python 3.10, FastAPI, Android Debug Bridge (ADB), WebSockets, Cryptographic Hashing (SHA-256)

- Developed a mobile-first learning roadmap platform using React, TypeScript, and Tailwind CSS with swipe-based navigation and gamified hold-to-progress interactions.
- Deployed a fully client-side, privacy-focused application on Vercel with smooth animations and optimized performance.

CERTIFICATIONS

Certified AppSec Practitioner (CAP)
The SecOps Group (Creators of PentestingExams.com)

Pre Security Certificate
TryHackMe

Tata - Cybersecurity Analyst Job Simulation
Forage

The Basics of Google Cloud Compute Skill Badge
Google

Career Essentials in Cybersecurity by Microsoft and LinkedIn
Microsoft

Generative AI Foundations Certificate Program
upGrad

KEY ACHIEVEMENTS

SVNIT (NIT Surat) – Echelon Cybersecurity Hackathon & CTF (MeitY)
- Secured **1st rank** at national level CTF under Ministry of Electronics & IT
- Selected as **Finalist** at Echelon Cybersecurity Hackathon
- Built and presented a **cybersecurity-focused solution**

IIT Madras – Shaastra CTF | 2025
National Level Finalist
- Ranked **6th (Qualifiers)**, **7th (Finals)**
- Domains: **Cryptography, Web Exploitation**

Cipher Hunt 2.0 | 2025
Rank 7
- Skills: **Digital Forensics, Binary Exploitation**

VOLUNTEERING

Community Contributor (LaTeX & Academic Content)
brainly.in
📅 04/2020 - 01/2022
Created LaTeX-based math and geometry content..