UTKARSH PRATHAM

Cybersecurity Specialist | Full Stack Developer

utx1zz@gmail.com • +91 28753 4325 • New Delhi, India • linkedin.com/in/utkarsh-pratham •
github.com/utxdev

PROFESSIONAL SUMMARY

Driven Computer Science Engineering student specializing in Cybersecurity with a "First Principles" approach to problem-solving. 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 forensics.

EDUCATION

Chandigarh University   2025 – 2029
Bachelor of Engineering (Hons) CSE — Specialization in Cybersecurity (IBM Collab)

TECHNICAL SKILLS

Languages:	C++, C, Python, JavaScript/TypeScript, SQL, HTML/CSS, LaTeX
Cybersecurity:	Penetration Testing, Web App Security, Forensics, Burp Suite, Metasploit, Wireshark, Kali Linux
Development:	React, Node.js, MERN Stack, MongoDB, Git/GitHub, Tailwind CSS
AI & Cloud:	Generative AI, LLMs, Prompt Engineering, Google Cloud Compute

EXPERIENCE

Cysecsphere Club CU   Aug 2025 – Present
Core Team Member | Chandigarh
- Organizing high-impact cybersecurity workshops and Capture The Flag (CTF) events for the university community.
- Mentoring peers on ethical hacking tools (Burp Suite, Metasploit) and Linux fundamentals.
- Collaborating on security research projects and developing community tools.

Brainly   Apr 2020 – Jan 2022
Community Contributor & LaTeX Creator | Remote
- Authored high-quality academic resources using LaTeX for mathematical visualization.
- Simplified complex technical concepts for a massive online student community, ensuring content accuracy.

KEY PROJECTS

Xaenithra Command Center   (TypeScript, React, Security Ops)
Team Leader
- Developed a centralized dashboard for monitoring security operations and real-time threat analysis.
- Designed the system for efficient team management during live CTF competitions.

Pathfinder   (TypeScript, AI)
- Built an automated pathfinding and traversal tool for analyzing complex environments and routing algorithms.

ACHIEVEMENTS & CERTIFICATIONS

Competitive Hacking

[cite_start]
- **Rank 1:** MeitY CTF (Ministry of Electronics & IT) [cite: 13]
[cite_start]
- **Rank #6:** Shaastra CTF (IIT Madras) [cite: 8]

Certifications

- **CP Certified AppSec Practitioner (CAP)** - The SecOps Group
- **Google Cloud Compute Badge** - Google Cloud
- **Programming Foundations** - Duke University

[cite_start]
- **Top 10 Global:** Cipher Hunt 2.0 (8500+ Points) [cite: 72]
- Solved challenges in Web Exploitation, Reverse Engineering, and Crypto.

- **Generative AI Foundations** - upGrad
- **Career Essentials in Cybersecurity** - Microsoft & LinkedIn