

YASH KUMAR

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OBJECTIVE

Computer Science undergraduate with a strong foundation in cybersecurity, networking, and system monitoring. Seeking an entry-level **SOC Analyst** role to apply skills in threat detection, incident response, and vulnerability assessment while contributing to a secure organizational environment.

EDUCATION

Bachelor of Computer Science, Punjabi University, Patiala Expected 2026

Relevant Coursework: Computer Networks, Cybersecurity, Operating Systems, Database Management, Data Structures, Cloud Computing

Senior Secondary (XII), Sudesh Vatika Convent School, Bathinda 2022

Percentage: 85.7%

CORE SKILLS

Cybersecurity SIEM Tools, Log Analysis, Threat Hunting, Vulnerability Assessment, Incident Response

Offensive Security SQL Injection, Cross-Site Scripting (XSS), DDoS Simulation, MITM Attacks, Password Cracking

Technical Tools Linux, Windows, Python, SQL, Wireshark, Nmap, Burp Suite, Firebase, Git/GitHub

Soft Skills Analytical Thinking, Problem Solving, Collaboration, Technical Communication

CERTIFICATIONS

- Ethical Hacking 101: Beginner's Guide to Ethical Hacking – Simplilearn
- Fundamentals of Cybersecurity – UpGrad
- Cybersecurity Training (Offline) – B.G. Tech Vista, Bathinda
- Industrial Training in **Java** – Infowiz, Bathinda

PROJECTS

QuantaTalk Messaging Web App. Designed and developed a secure, real-time messaging platform using React.js, TypeScript, Firebase, and GCP. Implemented **end-to-end encryption**, group chat, media sharing, and multi-method authentication (Google + Email/Password). Focused on **data privacy, scalability, and serverless architecture**, ensuring 100% uptime during testing.

Portfolio Website. Built and deployed a professional personal portfolio to showcase technical skills, certifications, and projects using HTML, CSS, and JavaScript, improving personal brand visibility.

EXTRA-CURRICULAR ACTIVITIES

- Completed hands-on cybersecurity labs on platforms like **TryHackMe**, simulating SOC analyst workflows and improving threat detection skills.
- Stay updated on **threat intelligence**, zero-day vulnerabilities, and industry best practices through continuous self-learning and security blogs.

LEADERSHIP & COLLABORATION

- Actively collaborated in university coding and cybersecurity study groups; initiated **peer-to-peer learning sessions** to share knowledge and solve real-world security challenges.