

SUBHANSHU SINHA

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PROFILE

Detail-oriented engineering student currently pursuing a Bachelor of Engineering in Information Security. Passionate about cybersecurity and full-stack web development, with a strong foundation in secure coding practices, web technologies, and network security. Eager to contribute to real-world projects, enhance system security, and build scalable applications. A quick learner with a commitment to continuous growth in the fields of cyber defense and software development

EDUCATION

Chandigarh University	Punjab, India
Bachelor of Engineering in Computer Science Engineering (Information Security)	2022 – 2026
Mount Egmont School	Jharkhand, India
Senior Secondary (Physics, Chemistry, Mathematics)	2020 – 2022

SKILLS

Programming Language: C++ JavaScript, HTML5, CSS3

Web Technologies: React, Bootstrap, Node.js, Express.js, MongoDB

Cybersecurity Tools: Kali Linux, Nmap, Wireshark, JWT Authentication, Web Application Penetration Testing, Ethical hacking

Development Tools: Git, GitHub, Visual Studio code

SOFT SKILLS

Problem-Solving | Communication | Teamwork | Time Management | Adaptability | Attention to Detail

CERTIFICATIONS

- Java Full Stack Developer– July 25 ([Link](#))
- IBM Cybersecurity Analyst– August 24 ([Link](#))

PROJECTS

Secure Verse – Cybersecurity Web Application	Jan 2025 – Jul 2025
<ul style="list-style-type: none">Built a responsive web app for phishing detection, password strength analysis, and code vulnerability scanning using HTML, CSS, JavaScript, and full-stack technologies.Implemented machine learning for identifying phishing URLs and detecting insecure code patterns.Integrated JWT-based authentication and a role-based Admin Panel to manage users and cybersecurity content.	
Image Steganography – Secure Data Hiding Tool	Aug 2024 – Nov 2024
<ul style="list-style-type: none">Built a browser-based tool to hide and extract encrypted messages in image files using the Least Significant Bit (LSB) steganography algorithm.Implemented optional AES-GCM encryption for password-protected message hiding, leveraging the Web Crypto API.Designed a responsive and interactive frontend using HTML5, Tailwind CSS, and vanilla JavaScript with the Canvas API for real-time image processing.	

ACHIEVEMENTS

- Successfully planned and coordinated high-impact events, demonstrating strong organizational and team management skills.
- Actively participated in **Evoke 2023 – National Youth Summit**, showcasing leadership, collaboration, and problem-solving abilities in a national platform.