

SNEHA S

B.E. CSE — Cyber Security Student — Cybersecurity Enthusiast
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Objective

Cybersecurity enthusiast with practical skills in ethical hacking, cryptography, and security tool development. Seeking to apply a strong problem-solving mindset to design secure applications and resilient digital infrastructure.

Education

B.E. in Computer Science Engineering (Cyber Security) 2022 – 2026
Sri Venkateshwara College of Engineering, Bengaluru
CGPA: 9.1

Technical Skills

Programming Languages: C, Java, Python
Security Tools: Nmap, Zenmap, Wireshark, Metasploit, Kali Linux
Design & Development Tools: Figma, WordPress, Canva, React

Soft Skills

Communication — Teamwork & Collaboration — Problem Solving — Adaptability — Attention to Detail — Time Management

Experience

Front-end Developer — ATS Platform (Nov-Jan)

- Built and maintained ATS frontend using React + Vite with modular component architecture.
- Implemented Role-Based Access Control (RBAC) UI workflows for roles, permissions, and admin panels.
- Integrated REST APIs for candidates, jobs, interviews, and dashboards.
- Fixed routing issues, static asset 404 errors, and improved responsive UI layouts.
- Enhanced error handling, loading states, and overall user experience performance.

Projects

Threat Detection and Mitigation System (Completed) — Security Development

- Designed and developed an AI-powered threat detection platform to classify cyber threats by severity.
- Integrated TTPx (Tactics, Techniques, and Procedures) analysis to map real-world attacker behavior patterns.
- Generated detailed threat intelligence reports with severity scores and remediation recommendations.
- Visualized threat trends and risk metrics using interactive dashboards.

Dark Pattern Web Tool — AI/ML Browser Extension (UX/Front-end)

- Designed a browser extension prototype in Figma to detect manipulative UX dark patterns.
- Applied UX analysis principles to improve ethical design awareness.

Potteryverse — WordPress Website

- Built a responsive pottery studio website with gallery, product showcase, and e-commerce integration.
- Optimized UI layout and user experience using WordPress blocks and plugins.

E-Commerce Website Hackathon Winner

- Developed a responsive business website during hackathon competition.
- Awarded Winner at Cyberkraft Hackathon (ACS College).

Certifications

- NPTEL — Cryptography
- Forage — Cybersecurity Job Simulation
- IBM Skillbuilder — Cybersecurity
- CTRL. ALT. ACT. OSINT Program — Cyber Secured India (CSI) + MKiTOS
- Python Development with ChatGPT — Coursera
- AWS Skill Builder (In Progress)