Shreyas Reddy B

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EDUCATION

Dayananda Sagar College Of Engineering   2022 - 2026
B.E in Computer Science and Cyber Security

SKILLS

Languages: Python, C
Tools: Nmap, WireShark, Nessus, Metasploit, Cyberchef, Git, Github, Burpsuite
Operating systems: Linux, Windows

PROJECTS

LoveLinguistic | *Typescript,React, Tailwind CSS, Framer Motion, Google Gemini AI, Vite*   Nov 2024
- This is an AI-powered tool that **analyzes conversations** to provide insights like interest levels, mood, and ghosting risks, offering personalized advice. Built with React, Tailwind CSS, and Google Gemini AI, it combines advanced technology with an intuitive user experience. .
- Streamlined with **Node.js (v18+)**, leveraging Vite for optimized builds.
- Modular and scalable architecture with TypeScript.

CyberNexa | *HTML/CSS, API (Shodan, Zap, Vulners), Python, Git*   May 2024
- Developed a web application that **scans for open ports** and retrieves detailed security information, including **CVE codes and SSL certificate status**, to assess website vulnerabilities.
- Integrated **APIs from Shodan, Zap, and Vulners** to enhance functionality and provide comprehensive insights into the security posture of web applications.

Coal2Clean | *Flask, supabase, matplotlib, python*   Sept. 2024
- Developed an application for coal mines in India aimed at **quantifying carbon emissions** and identifying pathways to carbon neutrality through emission reduction strategies, clean technologies, and afforestation.
- Utilized **Flask, Supabase, and Matplotlib** to enhance data analysis and visualization
- Supported decision-making for stakeholders, contributing to national climate goals and promoting sustainability.

CERTIFICATIONS

Jr. Penetration Tester by TryHackMe: Acquired foundational skills in penetration testing, including **network scanning, web application security, and vulnerability assessment** using tools like Burp Suite and Metasploit.
ISC2 Certified in Cybersecurity (CC): Demonstrated knowledge of foundational cybersecurity principles, risk management, and security best practices across various domains

ACHIEVEMENTS

Winner   Oct. 2024
- HackVerse 5.0 – Secured **first place** among **50+ teams** at NITK's hackathon with **Sharkbucks**, showcasing skills in **web development, machine learning, and NLP**.
- GoFr Hackathon – Won the **Open Innovation Track** with **LoveLinguistics**, showcasing skills in **web development** and **NLP** to create an innovative language-learning platform
- PbCTF 3.0 – Secured **first place** among **150 plus teams**, demonstrating expertise in cryptography, web exploitation, and problem-solving in a competitive CTF environment
- PhaseShiftCTF – Secured **fourth place** among **50 plus teams** solving questions based on sql injection, cryptography and OSINT