

Abhinav Krishna Kunchala

Cybersecurity Student



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Meerpet, Hyderabad, Telangana



<https://krishna1694.github.io/Portfolio/>

SUMMARY

Passionate technologist with a strong foundation in web development, software engineering, and cybersecurity. Experienced in building projects using HTML, CSS, JavaScript, React Native, and Salesforce. Skilled in system optimization, load balancing, and secure coding practices, with a growing focus on threat analysis and ethical hacking. A proactive learner, currently applying theoretical knowledge to real-world projects. Eager to collaborate and contribute to innovative tech solutions.

SKILLS

- **Programming** | Python, Java, C, React Native, DBMS, HTML, CSS, JavaScript
- **Tools** | VMware, Nmap Wireshark, Burp suite, Git, Github, Visual Studio Code, Expo, Supabase, Google Cloud Console, Steganography tools
- **SoftSkills** | Problem Solving, Analytical & Critical thinking, Adaptability, Team work, Communication Skills

WORK EXPERIENCE

Jupiter Meta - Research analyst intern 12/2024

- Conducted comprehensive research and analysis to support data-driven decision-making and strategic planning.
- Collaborated with team members and mentors to deliver detailed reports and actionable insights, ensuring alignment with organizational goals.
- Developed strong problem-solving and analytical skills by managing and interpreting complex data effectively.

EDUCATION

Guru Nanak Institutions Technical Campus 2021 – 2025

Bachelor's Degree in Computer Science and Engineering Specialized in Cybersecurity

Sri Gayatri Junior College 2019 – 2021

Higher secondary education in MPC

Little Flower High School 2016 – 2019

Secondary education

PROJECTS

Cipherus – Secure File Encryption Tool

- Developed a secure file encryption and decryption tool using Fernet encryption and a custom XOR-based obfuscation layer.
- Integrated key signature validation (.cphkey), encrypted file detection, and integrity markers.
- Prevents re-encryption of already encrypted files and offers user-friendly output options.

AI Assistant - Offline

- Built a local, intelligent voice assistant powered by Openhermers and offline processing using Ollama.
- Designed features like task chaining, secure command execution, context retention, and natural voice interaction.
- Focused on privacy, running without external APIs or cloud dependencies.

Portfolio - Web Development

- Designed and deployed a responsive personal portfolio showcasing projects and experience.
- Emphasizes clean UI and accessible design, hosted using git pages.

EXTRA-CURRICULARS

GDSC-GNI - Social media core member | 2023 - 2024

- Core member for organising **Brumous 2k24**.
- Promoted seminars and workshops like **Decrypting Problems using Python, Joy of Computing, Solution Challenge** via Social Media page and on-site support.

HR Conclave - HR Buddy | 2023

- Assisted my assigned HR throughout the event.
- Handled promotions, event registrations in collaboration with a wonderful team

Hacktopia - Organization | 2023

- Assisted in gathering registrations through the country.
- Volunteered in guiding Applicants.

CERTIFICATIONS

- Ethical Hacking with Kali Linux 2024 - (Udemy)
- Foundations of Cybersecurity - (Coursera)
- Introduction to Cybersecurity - (CISCO)
- AIG - Shields Up: Cybersecurity Job Simulation - (Forage)
- Cybersecurity Virtual internship - Paloalto
- Salesforce Developer Virtual Internship
- Certified Security Expert (Level - 1) - Supraja Technologies

LANGUAGES

- English
- Hindi
- Telugu