

CHAKRESH RAM KUDUPUDI

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Summary

Cybersecurity student with hands-on experience in penetration testing, vulnerability assessment, and web security. Passionate about security research, ethical hacking, and building practical tools to strengthen digital defences.

Education

- **B Tech** in Cyber Security, Kakinada Institute of Engineering and Technology, *Expected 2026*
- **Diploma** in Computer Engineering, KIET, SBTET Vijayawada — 77.67%, 2023.
- **SSC**, Sri Chaitanya Techno School, BSE — 87.56%, 2020.

Experience

OSMSEC - Content Engineer Intern | 09/2025 - 11/2025 | 3 Months

Contributed to the research and analysis of Common Vulnerabilities and Exposures (CVEs) by documenting vulnerability details, impact assessment, and mitigation strategies, gaining hands-on experience in cybersecurity research and technical security documentation.

Mana Kirana - Full Stack Developer Intern | 08/2024 - 10/2024 | 3 Months

Contributed to the design and development of web applications using React, Express.js, and MongoDB, MySQL and Python gaining hands-on experience in both frontend and backend development.

Skills

- **Programming:** C, Python, HTML, CSS, JavaScript, React JS, Basics of Express, MySQL
- **Tools:** Adobe Photoshop, MS Office, Cap Cut
- **Operating Systems:** Kali Linux, Ubuntu, Windows, Ubuntu Live Server.
- **Cyber Security:** Networking, Penetration Testing, Web Security, Cisco Packet Tracer

Certifications

- Python Intro course by EDYST.
- Cyber Security Awareness Training by Amazon.
- Introduction to Artificial Intelligence by Great Learning.
- Excel Beginners by Great Learning.
- Microsoft Learn Student Ambassadors by KIET – Robotics Lab.
- Operating Systems Basics by CISCO.

Projects

1. Sub Domain Finder

- Developed a web-based sub-domain discovery tool using HTML, CSS, Python, and Flask.

2. Cyber Crew Website

- Built and maintained a cybersecurity awareness website and published research on Information Disclosure and FTP misconfiguration vulnerabilities.

3. Custom Wordlist Generator

- Created a Python-based tool to generate customizable wordlists for penetration testing and password auditing.

4. SG Tensile Website Development

- Developed a responsive business website using React.js, Tailwind CSS, and Firebase, with automated content updates using Python.

Security Research

- **Information Disclosure Vulnerability (Feb 2025):** Identified improper access control exposing sensitive institutional data and recommended secure access controls and audits.
- **FTP Misconfiguration Vulnerability (Feb 2025):** Discovered anonymous FTP access exposing confidential files and suggested strong authentication and secure server configuration.