Konda Nihar

niharkonda55@gmail.com | +91-7013348405
1-4-308 PMH Colony,Kamareddy,Telangana, India
Linkedin | GitHub | HackerRank | CodeChef | LeetCode

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE-CS	CVR College of Engineering	9.65/10.00	2022-26
Senior Secondary	TSBIE Board	980/1000	2020-22
Secondary	SSC Board	10.0/10.0	2020

PROJECTS

- **Network Traffic Monitoring and Phishing Detection Tool** *Ongoing*
  - Live Packet Capture: Real-time network sniffing with dynamic display of IPs, protocols, URLs, and threat levels.
  - Phishing Detection Engine: Combines heuristic rules (e.g., Punycode, abnormal domains) with third-party blacklist APIs (PhishTank, Google Safe Browsing).
  - Offline .pcap File Analyzer: Users can upload packet capture files and receive streamed analysis results via Socket IO for large file handling.
  - Interactive Dashboard:Tailwind CSS UI to visualize packet logs,phishing attempts,device IPs exportable reports.
  - Device Discovery**:** Detects local network devices via passive ARP and broadcast packet capture.

- **Print Smart Enhancing Efficiency in Printing System** *Feb. 2024 - june.2024*

  Web Development Github
  - This system addresses the challenges associated with traditional printing processes by providing a centralized network where the owner will be admin, we build to enhance the cost and time effectively.
  - Made using: PHP, HTML/CSS, JS, XAMPP Server

- **Block Chain bases Secure Messenger(Ongoing)** *April. 2021 – Still Working*

  Cyber Security Project Github
  - Build a cyber cyber security project, a messaging web application using blockchain technology a decentralized messaging web application which enhances the security of user's privacy
  - Using this application, we can send messages along with Crypto currency(payments)
  - Made using: Truffle, Solidity, JS, HTML/CSS, Ganache, Ethereum Blockchain

TECHNICAL SKILLS

- **Programming**: Python, Java, C, SQL
- **Development**: HTML, CSS, JavaScript, Flask(familiar), Django(familiar), MERN Stack(familiar)
- **Databases**: Oracle, MySQL(familiar)
- **CS Subjects**: Data structures and Algorithms, OOPs concepts, Operating system(familiar)
- **Cybersecurity**: Computer Networks, Cryptography, Vulnerability Assessment and Penetration Testing
- **Security Tools**: Nmap, Wireshark, Burpsuite, Netcat, Kali Linux

CERTIFICATIONS

- Foundations Of Cybersecurity- Coursera(by Google)
- Cyber Security Virtual Internship – Palo alto networks (by AICTE)
- Network Security Associate Virtual Internship – Fortinet(by AICTE)
- Python Program and Python for Data Analysis - Infosys
- Database Programming with SQL – ORACLE Academy
- **My Certificates**

WORKSHOPS OR HACKATHONS PARTICIPATED.

- Participated in Ethical Hacking and Cyber Security Workshop 2024
- Participated in Bootcamp on Machine Learning for Cyber Security 2025

POSITIONS OF RESPONSIBILITY

- **Hostel Students Head,** CVR College of Engineering *June. 2024 - Apr. 2025*