# Konda Nihar

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## SUMMARY

Enthusiastic Computer Science undergraduate specializing in Cybersecurity with a strong foundation in programming, data structures, algorithms, and system design. Proficient in Python, Java, and SQL, with hands-on experience in web development, database systems, and network analysis. Passionate about building scalable applications, exploring AI-driven technologies, and contributing to innovative engineering solutions at Eightfold AI.

## EDUCATION

CVR College of Engineering, Ibrahimpatnam (2022-2026)
Bachelor of Technology in Computer Science and Engineering – Cybersecurity (CGPA: 9.54)

## EXPERINCE

Web Developer Intern – ZSquare Tech (Sep 2025 – Present)
– Contributing to the development of responsive and scalable web applications using React.js, JavaScript, and Next.js.
– Gaining hands-on exposure to deployment workflows and modern version control practices using Git and GitHub.

## PROJECTS

- **Network Traffic Monitoring and Phishing Detection Tool (Ongoing)**
  – Developed a live packet capture system for real-time network sniffing in local n/w, protocols, URLs, and threat levels.
  – Implemented phishing detection combining rules with blacklist APIs
  – **Made using:** Python(Flask), HTML/CSS, JS

- **Print Smart Enhancing Efficiency in Printing System (Mar 2024 – June 2024)**
  – Developed a system that addresses the challenges associated with traditional printing processes by providing a centralized network where the owner will be admin, built to enhance the cost and time effectively.
  – **Made using:** PHP, HTML/CSS, JS, XAMPP Server

- **Blockchain-based Secure Messenger (Nov 2024 – March 2025)**
  – Developed a decentralized messaging web application using blockchain tech 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 Languages**: Python, Java, C, SQL
- **Web/Frameworks**: HTML, CSS, JavaScript, Flask(familiar)
- **Databases & Tools**: Oracle DB, GitHub, VS Code, Linux Commands
- **Computer Science Skills**: OOPs concepts, Operating Systems, DBMS, Computer Networks, DSA
- **Technical Interests:** AI/ML, Distributed Systems, Data Engineering, Cloud Computing, and Secure Software Development.
- **Cybersecurity**: Cryptography, VAPT, Blockchain, Nmap, Wireshark, Burpsuite, Netcat, Kali Linux, Metasploit

## SOFT SKILLS

- **Effective Communication**
- **Team Leadership & Collaboration**
- **Problem – Solving &Time Management**

## CERTIFICATIONS

- Google Cloud Computing Foundations – Google
- Python Program and Python for Data Analysis – Infosys
- Database Programming with SQL – Oracle Academy
- Google Cloud Computing Foundations – Google
- Foundations Of Cybersecurity – Google (Coursera)

## EVENTS PARTICIPATED

- Participated in Ethical Hacking and Cyber Security Workshop (2024)

## POSITIONS OF RESPONSIBILTY

- **Hostel Students Head,** CVR College of Engineering (June 2024 - April 2025)
- **Organized a CTF Contest - CyberQuest,** CVR College of Engineering