CHAITANYA SHARMA

Sector-36, Greater Noida , UP

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EDUCATION

Bikaner Technical University   **2020 − 2024**
*B.Tech -Electronics Instrumentation and Control Engineering - **CGPA** - **7.2***

Kaushalya World School, Greater Noida   **2020**
*Intermediate - PCM - **Percentage** - **74***

Kaushalya World School, Greater Noida   **2018**
*High School - **Percentage** - **76***

SKILLS

- **Networking** TCP/IP, HTTP/HTTPs, VPN
- **Web Development**- HTML, JavaScript, DJango , MySQL
- **Cloud Platforms**- AWS, Azure , GCPs
- **Data Visualisation**- Power BI,Google Sheet, Excel
- **Python Programming**- DJango, Scipy
- **CyberSecurity**
- **CPT**
- **Linux**

INTERNSHIP EXPERIENCE

CETPA Pvt Ltd. - On-Site   **May-2023 to July-2023**

- Developed a tool to assess the strength of passwords entered by users. Implemented algorithms to analyze factors such as length, complexity, and uniqueness to provide feedback on password strength.
  Skills used- Password Hashing, Git BASH, Kali Linux, Vulnerability Scanning

PROJECTS

Auto Reply AI Chatbot   2024

- This project automates the process of interacting with a chat application, specifically designed to analyze chat history and generate humorous responses using OpenAI's GPT-3.5-turbo model. The virtual assistant, named Chaks, is a character that roasts people in a funny way, based on the chat history.
- Skills used -Python, Tensor flow, Nltk, Spacy, Flask, SQLite, Chatbot

BLOCKCHAIN SECURITY AUDIT   2023

- Conducted a security audit of a block chain network to identify vulnerabilities and potential attack vectors. Analyze smart contracts, consensus mechanisms, and network infrastructure for security weaknesses.

Secure VPN Setup and Management   2024

- **Description:** Configured and deployed a secure Virtual Private Network (VPN) to enable encrypted communication across distributed networks.
- **Key Technologies: OpenVPN, Linux, Python (for script automation), Networking (TCP/IP, DNS). .**
- **Responsibilities:** Set up OpenVPN servers and configured client connections for secure access to internal services. Automated the generation of certificates and user authentication with Python. Configured DNS and routing tables to handle traffic between internal and external networks

CERTIFICATIONS

- Google CyberSecurity - Coursera
- Google IT Automation with Python
- Cetpa CyberSecurity and Ethical Hacking

EXTRACURRICULAR ACTIVITIES

Student Ambassador at Thomso Fest IIT Roorki
National Football player under 19/21
Hansaplast Rocksport Challenge 2018