

Sneh Singh

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Experience

Cyforce, Cybersecurity Intern | Remote

July 2023 - Sept 2023

- Worked on **Network Security** and **VAPT**, Working with different cybersecurity tools, Case study. .

ISOEH, Kolkata, Training, Network Security | WB, INDIA

May 2023 - July 2023

- Configuring and Troubleshooting networks, designing and implementing various network topologies, experimenting with routing protocols, and practicing subnetting and VLAN configurations

Student Startup Innovation Policy , Founder, Developer | Guj, India

July 2023 - Present

- Developing **Forensic Tool** for law enforcement agencies .

Microsoft CyberSecurity Engage Program) : Intern | Remote

May 2022 - June 2022

- Learn basics of cybersecurity and few tools like **Autopsy** and **Wireshark**

Google Cloud Facilitator Program : Intern | Remote

April 2022 - Aug 2022

- Understand cloud and get hands-on Google Cloud .We learnt Application Development, Big Data And Machine Learning .

Android Development, MyCaptain : Trainee | Remote

- Learn Android Development and make basic apps like calculator

Education

B.Tech-Mtech in Computer Science Engineering with specialisation in Cyber Security, National

Forensic Sciences University | Gujarat, India

2021-26

B.Sc in Programming and Data Science, Indian Institute of Technology Madras | Tamil Nadu, India

2022-25

High School-ISC, PCM-92/100 | The Heritage School | West Bengal, India

2021

Secondary School-ICSE, Science-94/100 | The Heritage School | West Bengal, India

2019

Courses: Computer Networks | App Development | Web Development | DSA | DBMS | Big Data | Cryptography | Microprocessor | OS

Skills

Programming

Python, C/C++, C#, Java, R, MySQL, Php, Javascript, Rust, Git, Scripting (Bash), LaTeX, HTML, CSS, Bootstrap, Vim, Nano, Django

CyberSecurity

Software

Nmap, Netcat, Snort, Metasploit, Autopsy, FTKImager, Wireshark, Cisco Packet Tracer

Linux, Tensorflow, Pytorch, Docker, OpenCV, Mediapipe, Hadoop, Pig, Hive

Certifications

Microsoft Certified: Security, Compliance, and Identity Fundamentals | Microsoft Technical Associate Certification in Python | Microsoft Certified: Azure AI Fundamentals | Microsoft Azure Fundamentals Certification | Certification in CISCO: Introduction to Cybersecurity | Certification In Databases And SQL For Data Science With Python By IBM | Certification In Data Science Methodology By IBM

Projects

Website to exchange PYQ

Personal Project)

- An website build for NFSU students to share PYQ and resources across different campuses
- Done using Javascript, Php, Mysql

Interpretation of Sign Languages using Python

Course Project

- Using Python, **Mediapipe** and **OpenCV** .
- This was used to convert sign languages to text in realtime.

Music Streaming App

Course Project

- An web app made using **Jinja**, **Flask** and **SQL**
- Admin, users and creators to upload songs and listen and make playlists

Model for Disaster Management

Personal Project

- A model to predict and manage threat zones during industrial disasters, optimizing emergency response and evacuation strategies.

Certificate generation and validation using blockchain

Smart India Hackathon 2023

- Based on Etheruem and polygon scaling solution

Student Placement Portal

UI Project

- Build using HTML, CSS and JAVASCRIPT
- UI for placement portal.

Student Attendance System

Course Project

- Made using C++, used to calculate attendance of the students