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*
- Develeeping **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 Developement 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: Compputer 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	Nmap, Netcat, Snort, Metaspoilt, Autopsy, FTKImager, Wireshark, Cisco Packet Tracer
Software	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 Porject
- Made using C++, used to calculate attendance of the students