

Mehank Sahoo

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EDUCATION

VELLORE INSTITUTION OF TECHNOLOGY

Bachelor of Engineering

Major in Computer Science; Minors in Cybersecurity and Digital Forensics

CGPA: 7.89/10.0

Relevant Coursework: Network Security, Operating Systems, Software Engineering, Ethical Hacking, Computer Networks.

Bhopal, India

Expected May 2026

DELHI PUBLIC SCHOOL ,NERUL

Study Senior Secondary, CBSE board, Percentage: 75%.

Nerul, India

Jul 2020 - May 2022

DAV PUBLIC SCHOOL ,NERUL

Study Secondary, CBSE board, Percentage: 87%.

Nerul, India

May 2020

WORK EXPERIENCE

Intrainz Training Intern (8 employee venture-backed recruitment startup)

Cybersecurity Intern

Bangalore, India

Nov 2023 – Jan 2024

- Gained practical exposure to penetration testing and ethical hacking tools in a simulated environment
- Completed more than 5 hands-on labs in vulnerability scanning and system hardening using Kali Linux

University of Wollongong

Cybersecurity Immersion Intern

Al Sufouh, Dubai

Jun 2024 – Jul 2024

- Worked on securing Docker containers and implementing IAM policies
- Analyzed cloud infrastructure for security misconfigurations, integrated AI-based monitoring tools, and explored robotics frameworks and networking protocols for enhanced automation and threat detection

UNIVERSITY PROJECTS

CISCO PACKET SNIFFER

Security Software Developer / Feb 2024

- Developed a real-time website using modern frameworks for Cisco-based packet analysis which show us destination IP address, sender IP address, which a few light weight backend and simple interface
- Enabled users to perform live packet monitoring and filtering to identify threats efficiently

LIGAMENTRO SIGN LANGUAGE RECOGNITION

Front-End & App Developer / May 2025

- Built a web and mobile application for gesture recognition using OpenCV and TensorFlow, which takes use of camera of the devices and help people to understand the sign language performed by anyone. It has 91% accuracy with well-trained model
- Improved accessibility for hearing-impaired users with real-time sign understanding capability with 9 out of 10 correct interprets the teller

ACTIVITIES

NHAI Hackathon – SMART & SAFE HIGHWAYS: AI-Driven FOB

Participant

India

2025

- Designed an AI-based solution to enhance pedestrian safety using smart FOB detection with innovative ideas and technical skills
- Worked in a collaborative team to prototype and present a real-time alert system and presentation to pitch the idea, our moto- “safety comes before luxury”

ADDITIONAL

Technical Skills: C++, Java, Python, Bash, SQL, Kali Linux, OpenVAS, Nmap, Wireshark, AWS Security, Docker Security

Cybersecurity Tools: Wireshark, IAM, Vulnerability Testing, Ethical Hacking

Languages: Fluent in English, Hindi, Marathi

Certifications & Training: Foundations of Cybersecurity (Google), AWS Cloud Practitioner Essentials (Amazon), DevOps and Cyber Security (IBM), HTML, CSS, and JavaScript (Johns Hopkins University).