

Mehank Sahoo

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

Bachelor of Engineering

Major in Computer Science; Minors in Cybersecurity and Digital Forensics

CGPA: 7.79/10.0

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-Cybersecurity Intern (8 employee venture-backed recruitment startup)

Bangalore, India

- Gained practical exposure to penetration testing and ethical hacking tools in a simulated environment. Nov 2023 – Jan 2024
- 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

- Worked on securing Docker containers and implementing IAM policies. Jun 2024 – Jul 2024
- 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

- Developed a TensorFlow/OpenCV-based sign language recognition system achieving 91% accuracy by optimizing CNN architectures. Deployed as an android app with real-time camera processing with the help of Android Studio.
- 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

India

Participant

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”

SKILLS

Technical Skills: Programming languages (Python, Java.), Operating systems (Linux, Windows), Web development (Full-Stack: Java, React, HTML/CSS, REST APIs, SQL)

Cybersecurity Tools: Wireshark, Vulnerability Assessment, Ethical Hacking, OWASP analyst

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).