

Ansh Mishra

Website: anshmishra.github.io

Email: anshmishra703@gmail.com

LinkedIn: linkedin.com/in/anshmishra

Mobile: +91-96431 14304

Currently Based : Hyderabad, Telangana

SUMMARY

Electronics and Instrumentation graduate with hands-on experience in cybersecurity operations, traffic analysis, and threat detection. Currently working as a Security Analyst at Enea AB leading a SOC team, with a keen interest in offensive security, network security, and Deep Packet Inspection.

EDUCATION

- Birla Institute of Technology and Science, K K Birla Goa Campus**
Bachelor of Engineering - Electronics and Instrumentation
 - Modern Convent School**
10+2 PCM
- Goa, India

May 2021 - Aug 2025

Delhi, India

Dec 2021

TECHNICAL PROFICIENCY

- Languages** -: Python, Java, Bash
- Tools** -: Wireshark, ELK Stack, Metasploit Framework, nmap, SEToolkit, VirtualBox
- Skills** -: Threat Detection, Incident Response, Security Orchestration, DFIR, Team Leadership, Cross-team Collaboration

WORK EXPERIENCE

Enea AB
Security Analyst

Hyderabad, India

Jan 2025 – Present

- Managing a security operations team**, setting operational KPIs, streamlining workflows for shift monitoring, and providing team members with cross-training to get 100% telemetry coverage.
- Overseeing traffic fingerprinting and real-time classification** for Security Center, the main corporate core firewall that handles high-throughput incoming international traffic for several significant international clients.
- Supervising the continuous analysis of complex data vectors**, driving targeted rule optimizations on the main firewall to maintain high infrastructure availability and robust threat-matching fidelity.

Enea AB
Security Analyst Intern

Hyderabad, India

Jun 2024 – Jul 2024

- Eliminated false positives** across high-volume traffic channels by evaluating 5 core filtering mechanisms and engineering an optimal multi-layered rule combination pairing Bitdefender telemetry with heuristic indicators.
- Improved alerting accuracy and operational efficiency**, by reducing firewall false positive rates from 2.55
- Developed a reputation-based, cost-free blocking system** using pre-existing WhoisXML API data to find fraudulent domain registrars, focusing on sites like NameCheap and NICENIC that showed up to 100% spam concentration

K2Cloud
Cloud Infrastructure Intern

Gurgaon, India (Remote)

May 2023 – Jun 2023

- Provisioned and deployed a multi-tier LAMP stack** using Vagrant virtualization, configuring port forwarding and local network architecture for cross-environment accessibility

RELEVANT COURSES AND CERTIFICATIONS

- CompTIA Security+ (SY0-701)**
- Cybersecurity Foundations** - LinkedIn Learning
- IT Security Foundations** - LinkedIn Learning
- Regular Expressions** - LinkedIn Learning
- TryHackMe** - Offensive Security & Network rooms

PROJECTS

Intelligent Humidistat (Microprocessors & Interfacing): Designed an embedded system with microprocessor-driven sensors for real-time humidity monitoring and automated feedback control to regulate indoor conditions.

Railway Reservation System (Object-Oriented Programming): Built a transactional backend using OOP principles, featuring user authentication, concurrent ticket allocation, dynamic "Tatkal" pricing, and state validation.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Music Society, BITS Goa
Finance Coordinator

Goa, India

Aug 2023 – May 2024

- Event Production & Finance:** Managed budgets and sponsor relations for university live performances, coordinating logistics between technical teams and artists to ensure smooth delivery.

Rockschool of London
Grade 5 Drummer

In-person

Oct 2018

Modern Convent School
Captain, Basketball Team

Delhi, India

2016-2020

Captain, Netball Team

2016-2020

House Captain

2014, 2019