

# Ansh Mishra

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D.O.B: 7th November 2003

## EDUCATION

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- Birla Institute of Technology and Science, K K Birla Goa Campus** Goa, India  
• *Bachelor of Engineering - Electronics and Instrumentation* *May 2021 - August 2025*
  - Modern Convent School** Delhi, India  
• *10+2 PCM* *December 2021*

## WORK EXPERIENCE

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- Enea AB - Hyderabad** On-site  
• **Security Analyst** *January 2025 -*
  - **Project 1 - Optimization of Spam URL Classification System:** Worked on optimizing URL Classification system by creating rules and policies to improve accuracy and analyze the overall performance of the system.
  - **Project 2 - Grey Route Analysis:** Worked on grey route analysis for a reputed South American client, identifying and taking appropriate actions to mitigate unauthorized traffic and improve network integrity.
- Security Analyst Intern** On-site  
• *Full-time* *June 2024 - July 2024*
  - **Project - Optimization of security framework:** Analyzed live traffic and behavior of firewalls. Integrated new features in the company framework and improved accuracy and efficiency in traffic management.
- K2Cloud - Gurugram** Remote  
• **DevOps Intern** *May 2023 - June 2023*
  - **Deployment of LAMP Stack:** Locally deployed a LAMP Stack made from scratch using automated virtual machine environment
- The Music Society, BITS Goa**   
• **Finance Coordinator** *May 2023 - April 2024*
  - **Event Organization and Club Management:** Organised 4 on-campus events, participated in inter-college events and represented college in various band events across Goa.

## SKILLS SUMMARY

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- **Languages:** Python, Java, Shell, C++
- **Tools:** Docker, Kibana, Vagrant, VirtualBox, Wireshark, Terminal
- **Platforms:** DVWA, Linux, Windows, RaspberryPi, LAMP Stack
- **Soft Skills:** DFIR, Threat Detection, False Positive/Negative Identification, Incident Response, Leadership, Team Management, Time Management, Problem Solving

## RELEVANT COURSES AND CERTIFICATIONS

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- **CompTIA Security+ (SY0-701)** ↗
- **IT Security Foundations:** LinkedIn Learning ↗
- **Cybersecurity Foundations:** LinkedIn Learning ↗
- **Regular Expressions:** LinkedIn Learning ↗
- **Ethical Hacking:** IIT Delhi

## PROJECTS

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- **Intelligent Humidistat (Microprocessors and Interfacing):** Developed an intelligent humidistat that senses the humidity levels outside the room, and relatively manages the humidity levels inside the room using a humidifier.
- **Railway Reservation System (Object Oriented Programming):** Worked on a project under Dr. Anita B. Agarwal, developing a railway reservation system that facilitates users to book/cancel tickets, including special discounts, tatkal system and displaying booking status of the ticket. ↗

## HOBBY PROJECTS

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**Raspberry Pi Projects:** Setup a personal ad-blocker using PiHole. Made a smart switch using a servo motors. Created a WiFi jammer using the onboard WiFi module. Also built own personal voice assistant using Google Voice API.

**Kali Linux:** Exploring vulnerabilities in DVWA, learnt about tools in Kali Linux such as msfvenom, meterpreter, setoolkit etc. Using these, developed backdoors in a controlled home lab to study Android/OS vulnerabilities.