Ansh Mishra

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D.O.B: 7th November 2003

EDUCATION

- **Birla Institute of Technology and Science, K K Birla Goa Campus** — Goa, India
  Bachelor of Engineering - Electronics and Instrumentation — *May 2021 - June 2025*
  Courses: *Computer Programming, Object Oriented Programming (OOP), Digital Design, Microprocessors and Interfacing, Analog and Digital VLSI Design, Transducers and Measurement Systems, Electronic Instruments and Instrumentation Control*

- **Modern Convent School** — Delhi, India
  10+2 PCM — *December 2021*
  Achievements: *All Rounder, Jr. House Captain, Cultural In-Charge, School Band Drummer, Musician Of The Year, Basketball Team Captain, Netball Team Captain, Skating Team, Sr. House Captain, Scholar Student*

SKILLS SUMMARY

- **Languages**: Python, Java, Shell, C++
- **Tools**: Docker, Kibana, Vagrant, VirtualBox, Wireshark, Terminal
- **Platforms**: Linux, Windows, RaspbeeryPi, AWS, LAMP Stack
- **Soft Skills**: Leadership, Team Management, Time Management, Problem Solving, Writing

EXPERIENCE

- **K2Cloud - Gurugram** — Remote
  DevOps Intern (Full-time) — *May 2023 - June 2023*
  - **Deployement of LAMP Stack**: Locally deployed a LAMP Stack made from scratch using automated virtual machine environment

- **Enea AB - Hyderabad** — On-Site
  Security Analyst Intern (Full-Time) — *June 2023 - July 2024*
  - **Project - Optimization of security framework**: Analyzed live traffic and behaviour of firewalls. Integrated new features in the company framework and boosted accuracy and efficiency in traffic management.

- **Enea AB - Hyderabad** — On-Site
  Security Analyst Intern (Full-Time) — *January 2025 - July 2025*
  - **Project - Optimization of Spam URL Classification System**: Worked on optimizing URL Classification system by creating rules and policies to improve accuracy and analyzed overall performance of the system.

PROJECTS

- **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. ⌇

RELEVANT COURSES

- **IT Security Foundations**: LinkedIn Learning ⌇

- **Cybersecurity Foundations**: LinkedIn Learning ⌇

- **Regular Expressions**: LinkedIn Learning ⌇

- **Ethical Hacking**: IIT Delhi

- **Grade 8 Drumming**: Rockschool of London

HONORS AND AWARDS

- **Participant: GoogleCTF** - June 2023

- **Top 100: Hacky Holidays CTF** - June 2022

- **1st Position: Till Deaf Do We Part (National Battle of Bands)** - April 2023

POSITIONS OF RESPONSIBILITY

- **Finance Coordinator**: Organised 4 on-campus events, participated in inter-college events and represented college in various band events across Goa.

HOBBY PROJECTS

Raspberry Pi Projects: Had setup a personal ad-blocker using pre-compiled package called PiHole. Apart from this, made own smart switch using a servo motor and a WiFi jammer using the onboard WiFi module. Also built own personal voice assistant using Google Voice API, a speaker, mic and a Raspberry Pi.

Kali Linux: Read articles related to cybersecurity and hacking on forums such as NullByte, Reddit etc. and self-taught myself about tools in Kali Linux such as msfvenom, meterpreter, setoolkit etc. Using these skills, learnt to dual-boot my laptop and made backdoors for my android phone and laptops at home.