

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, Writing

EXPERIENCE

- **K2Cloud - Gurugram** Remote
DevOps Intern (Full-time) May 2023 - June 2023
 - **Deployment 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.

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:** Rockschoool 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.