Macharla Lalith Akash

Cybersecurity Enthusiast

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Profile

I am an enthusiastic and driven cybersecurity scholar from NIIT University with keen intention of securing the digital world. I have gained most of the skills required to work as a fresher in the field of cybersecurity through my work experience.

Work Experience

Intern - IIT Jammu   2023 Jun – 2023 Aug
Worked on the DRDO project, where I built a vulnerable website (like the OWASP Juice Shop) using Node, React, and MySQL. — Jammu, India

AIP scheduling - NIIT University   2023 Jan – 2023 May
Worked on the website of my university. I was involved in developing a website that schedules an Admissions Interaction Programme with students. — Neemrana, India

Coordinator of Cybersecurity Club - NIIT University   2023 Jan – present
Found the Cybersecurity Club, ciberNUtica, and passed on the knowledge and enthusiasm to future cyber enthusiasts.

Collaborative Project - ZIROH Labs   2022 Jan – 2023 May
Participated in creating the "Bing on this day" widget using Java, which shows the specialties of the chosen dates. — Virtual

Education

BTech in Cybersecurity, *NIIT University*   2020 Aug – present
Current CGPA - **8.9/10** — Neemrana, India

High School, *Narayana Institutions*   Vijayawada, India
10th CGPA - **9.8/10**
12th CGPA - **9/10**

Skills

Cyber Forensics (*Intermediate*) | **Application Security** (*Intermediate*)

Network Security (*Intermediate*) | **Cryptography** (*Intermediate*)

Secure Web Development(React, Node, Express & MySQL) (*Experienced*) | **Python** (*Skillful*)

Linux (*Skillful*) | **Docker** (*Beginner*) | **Java** (*Beginner*)

Languages

- English
- Hindi
- Telugu

Academic Projects

Malware Analysis Using Behavioral Patterns, *R&D Project*　　　　2023 Jan – 2023 Apr
Developed an Ensemble Deep Learning Model: Combining CNN and Random
Forest for Malware Image Classification Using Digital Image Processing

REPEAT, *Restaurant Management System*　　　　2021 Mar – 2021 May
Created a Flutter admin and user app for restaurant table bookings.

Certificates

- DRDO Project - IIT Jammu ⧉
- Cybersecurity Essentials - Cisco ⧉
- The Complete Cyber Security Course : Hackers Exposed! - Udemy ⧉
- Certification of Participation - ZirohLabs ⧉
- The Python Bible™ | Everything You Need to Program in Python - Udemy ⧉
- Learn Ethical Hacking From Scratch - Udemy ⧉

Hobbies

Learning new technology, Cardistry, Listening to spotify podcasts, Watching movies & Watching anime