

# KALERI LAKSHMI VENKATA VANI VARAPRASAD

Hyderabad, India | P: +91 8019550958 | kalerilakshmivenkat123@gmail.com

## EDUCATION

### VIT BHOPAL UNIVERSITY

Bachelor of Engineering

Computer Science and Engineering with Specialization(Cybersecurity and Digital Forensics)

Cumulative CGPA: 8.53/10

Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Data Structures, ML.

Bhopal, IND

Expected May 2026

### NARAYANA INSTITUTE OF TECHNOLOGY(Class XII)

Maths,Physics,Chemistry | Percentage: 96.5%

Hyderabad,IND

Jul 2020 - Mar 2022

## WORK EXPERIENCE

### RED USERS

Cyber Security Intern

Remote, IND

March 2025

- Conducted **network security analysis**, configured **firewalls**, and monitored traffic using **Wireshark** to detect threats.
- Identified and exploited **web application vulnerabilities** (SQL Injection, XSS, CSRF) using **OWASP ZAP**, enhancing security awareness.
- Strengthened **cybersecurity posture** by implementing best practices and securing network environments.
- Built a strong professional presence by engaging in **LinkedIn networking** and sharing key cybersecurity insights.

## UNIVERSITY PROJECTS

### SECURE CHECK

May 2024

- The project aims to enhance digital security by incorporating a multifaceted approach, utilizing both media and code analysis. It integrates an ai model to assess the integrity of media files for potential corruptions and identifies vulnerabilities.
- Trained and tested different models as a part of a project exhibition at my university.

### FACIAL EMOTION DETECTION AND RECOGNITION

Dec 2024 - Present

- Developed a deep learning system to monitor student focus and detect suspicious behavior.
- Added features like screenshots, teacher alerts, and auto-logout for off-screen activity.
- Integrated into a web app for real-time exam monitoring with a user-friendly interface.
- Strengthened skills in deep learning, model training, and full-stack development.
- Delivered a secure, scalable solution for online exam integrity.

## ACTIVITIES

### EXPERIENTIAL LEARNING PROGRAM – VIT Bhopal University

Bangalore and Chennai

Sep 2024 – Oct 2024

- Gained hands-on experience at TVS working with **Industry 4.0** and **EV technologies**.
- Skilled in **IoT programming** using **Raspberry Pi PICO** and MicroPython.
- Gained insights into drone flight mechanics, the technology behind drones, and their working principles through hands-on learning at **Neosky**.

## CERTIFICATIONS

- Bits and Bytes in Computer Networking(Coursera/Google)
- Foundation of Cyber Physical System(NPTEL)
- Network Defense(Cisco)

## ADDITIONAL

**Technical Skills:** Java ,C++, HTML/CSS, Javascript, SQL, Computer Networks, Operating System, AWS cloud,Pandas, Numpy, TensorFlow, Android Studio, MATHLAB, DSA,Cisco Packet Tracer.

**Languages:** Fluent in English, Telugu, Hindi.

**Achievements:** HackerRank **Gold 5-star** in Problem Solving, Bronze **1-star** in SQL, Cisco Network Defense Badge.