

KALERI LAKSHMI VENKATA VANI VARAPRASAD

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EDUCATION

VIT BHOPAL UNIVERSITY

Bachelor of Engineering

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

Cumulative CGPA: 8.67/10

Relevant Coursework: 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

MOOD INDIGO SQUAD MEMBER

Bombay, IND

Event Strategist

Dec 2023

- Participated in various campus events, such as career fairs, lectures, and workshops, to enhance skills and knowledge.
- Tackled real-time challenges at Mood Indigo and other events using creative **problem-solving techniques**.
- Demonstrated creativity and **quick decision-making** during event activities.
- Collaborated with diverse teams across events, fostering teamwork and communication skills while working towards goals.

UNIVERSITY PROJECTS

SOCIAL MEDIA WEB APPLICATION

Mar 2025 - May 2025

- Designed a **secure user system** with **encrypted login/registration** and smooth **session handling**.
- Developed **post management features** (create, delete, update) with seamless **UI/UX** using **React.js** and **REST APIs**.
- Achieved **real-time full-stack integration** using **Node.js**, **Express.js**, and **MongoDB** for dynamic data flow.

FACIAL EMOTION DETECTION AND RECOGNITION

Dec 2024 - May 2025

- 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.
- 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)
- Cyber Security Analyst(IBM)
- MERN Full Stack(Ethnus)

ADDITIONAL

Technical Skills: Java, HTML/CSS, Javascript,Reactjs ,Expressjs, SQL, MongoDB, AWS cloud, Pandas, Numpy,TensorFlow, MATHLAB,Cisco Packet Tracer,Computer Networks, Operating Systems.

Languages: Fluent in English, Telugu, Hindi.

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