KODURU NAGA NITISHA

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CAREER OBJECTIVE:

To develop innovative AI and data-driven solutions that address complex challenges and optimize decision-making. Committed to advancing learning and comprehending my skills throughout the process.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Artificial Intelligence and Data Science**
  CMRIT, AECS Layout, Bangalore
  8.88, 2026 [Pursuing]

- **12th standard – Science**
  Sri Chaitanya PU college, Bangalore-560037
  75.8%, 2022

- **10th standard**
  Sri Chaitanya Techno School, Bangalore-560048
  86.6%, 2020

TECHNICAL SKILLS

Programming Languages: C, Java, Python, HTML, CSS, C++ , JavaScript, SQL, Kotlin

Frameworks: Flutter,Flask, React, Pandas, OpenCv, Tenserflow, Django

Mobile & Web Development: Android Studio, XML, Firebase, RESTful APIs, JSON

Data Science & ML: Scikit-learn, Matplotlib, Seaborn, TensorFlow (beginner), Google Colab

DevOps & Version Control: Git, GitHub, Jenkins, Ansible, Docker (basic), CI/CD pipelines

Tools & Software: SolidEdge, Tableau, Power BI, Visual Studio Code, Jupyter Notebook, Google Workspace, Postman, Figma (basic), Eclipse IDE

Operating System : Linux, Windows, Andriod

Database Technologies: MySQL, MongoDB, SQLite

PROJECTS

- **Title**: Women Safety App
  Description: Developed a safety-focused Android application designed to assist women in distress by enabling real-time location tracking and quick communication with emergency contacts. The app allows users to trigger an SOS alert by pressing a button, which instantly shares their live GPS location with pre-selected contacts via SMS. Integrated secure login and data storage mechanisms to protect user information. The interface is designed for simplicity and speed in emergencies, using intuitive navigation and clear UI elements. Incorporated background services to ensure continuous tracking and quick response even if the app is minimized.
  Tech Stack: Android Studio, Kotlin, XML, Firebase (Authentication & Realtime Database), Google Maps API

- **Title:** Hand and face gesture recognition
  Description: Built a computer vision system capable of recognizing hand gestures and identifying known human faces using real-time video input. Initially focused on hand gesture recognition using MediaPipe, supporting both single-hand and dual-hand gestures for interaction. Later enhanced with facial recognition features to detect and identify authorized faces from a pre-trained dataset, while labeling unknown faces accordingly. The system uses advanced models from the Face Recognition library for accurate face matching and OpenCV for video capture and processing. Designed for applications such as secure access, contactless interaction, and gesture-based control systems.
  Tech Stack: Tensorflow, python, openCV, mediapipe, face recognition library

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CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- **Hackathons:**
  - Participated in EY Techathon 5.0

- o Participated in Aptitude Hackathon 1.1
- o Took part in Nokia Student Hackathon, 2025
- **Seminars:**
  - o Cyber Security
  - o Data Structures
  - o Database Technologies
- **Online Courses & Certifications:**
  - o Completed a course on Java, Python, Data structures for beginners from Udemy
  - o Completed a course on Cyber security from Udemy
  - o Completed a course on Full Stack Web development from Udemy
- **Sports:** Active Badminton player, Active Basketball player
- **Technical Clubs** :Served as the member of the marketing team in Coding ninjas
- **NCC/ NSS:** Government School Visit and Student Interaction, Footpath Cleaning Drive in Collaboration with an NGO.
- **Cultural Activities:** Participated in AURA'23, Aura'24, Volunteered in fests (CULTURA)

PERSONAL DETAILS

Date of Birth : 17th October, 2004
Gender : Female
Nationality : Indian
Permanent Address : 102, MS Villa, Kullapa colony, Jeevan Bheema Nagar, Bangalore-560075
Linguistic Competency : English, Telugu, Hindi, Kannada (Beginner), French (Beginner)
Hobbies : Travelling, Dancing, Fashion Designing, Cooking, Reading fictional books