

NITISH M

Creative developer, Curious technologist, Empowering solution

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Education

Kongu Engineering College

Perundurai, Tamil Nadu

BTech in Information Technology, 2nd year (2023 - 2027)

CGPA: 9/10 (First 2 semesters)

Activities: Completed a summer internship at **CodeSoft**, in the field of **Python programming** and completed several task.

Projects

Facial Intruder Alert System | Python, opencv, numpy, ctypes

Personal - September 2024

- Developed a Facial Intruder Alert System using Python and OpenCV to detect unauthorized access, triggering automated alerts via email and phone calls, enhancing device security with real-time monitoring and response mechanisms.
- Implemented advanced security measures such as facial recognition-based threat detection, automated system lock, and a password-protected security wall, demonstrating expertise in computer vision and secure system design.

WhisperLynx | Python, socket, threading, tkinter

Personal - August 2024

- Designed and implemented a secure live chat application using Python's socket programming with AES encryption, ensuring end-to-end data security during message transmission.
- Developed a user-friendly graphical interface using Tkinter, integrating real-time messaging with advanced cryptographic techniques to enhance usability and secure communication.

Technical Skills

Proficient in: Python, SQL (MySQL & Sqlite), MongoDB, Java, C++, socket, Git, HTML/CSS

Familiar with: Android (Java), Encryption, Networking, PowerBI, DataStructures, MS Word, MS Excel

Achievements

- Received six awards for paper presentations at various events both within and outside the college during the academic year 2024.
- Awarded a prize in the Project Expo held at the college for the project titled "Facial Intruder Alert System."
- Participated in a workshop on Android application development, gaining hands-on experience in building Android apps.