Kala Hanok

https://github.com/KalaHanok

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Education

2021 - 2025
B.tech CSE(AIML)
Gokaraju Rangaraju Institute of Engineering and Technology
Grade: 9.11

2019 - 2021
Intermediate MPC
Sri Sanjeevni Junior College
Percentage: 93.6%

2018 - 2019
10 th (SSC)
Sri Krishnaveni High School
Grade: 9.7

Technical Skills

C	75%
Python	80%
Java	75%
Javascript	75%
Html	80%
Css	75%
Django	70%
React	70%
Sql	80%
Machine Learning	70%

Projects

Network Instrusion Detection Using Deep Learning
Designed a hybrid intrusion detection system combining autoencoders, CNN, LSTM, and attention mechanisms for anomaly detection. Utilized the CICIDS 2017 dataset and achieved 98% accuracy.
Role: Team Lead
Github: https://github.com/KalaHanok/NIDS_hybrid_dl

Fabric Management System
A desktop application built with Python and SQLite for inventory and sales management of fabrics. Features include stock tracking, profit/loss calculations, dynamic search, data editing, and report generation. Provides an intuitive UI for seamless inventory updates and sales management with exportable reports for analysis.
Role: Developer
Github: https://github.com/KalaHanok/Fabric-Management-System

Ping Pong Game Using Computer Vision
Created an interactive ping pong game controlled by real-time hand gestures using MediaPipe for hand detection and gesture classification using a CNN model. This project demonstrates gesture recognition and game interaction for an immersive gaming experience.
Role: Team Lead
Github: https://github.com/KalaHanok/PingPongGameUsingComputerVision

Real-Time Web Content Classification System Using Deep Learning
Developed a real-time web content classification system using a fine-tuned DistilBERT model, integrated with Django and a Chrome extension. Achieved 93.2% accuracy across 16 categories with optimized chunking and dynamic filtering for efficient web content control.
Role: Team Lead
Github: https://github.com/KalaHanok/webclassification.git

Intership

Will2Care **5-Aug-2024 to 8-Sep-2024**

I actively contributed to the “Implementation of localization” that is translation of the pages to different languages of India. Used an Associated array for translations of static pages and for dynamic pages used google translate API.

Position Title: Product Intern

Roles and Responsibilities

Google developers Student Club (GDSC) of Griet :
Role: ML(Machine learning) Tech lead
As the GDSC ML Tech Lead, facilitated comprehensive training sessions on Python and foundational concepts in machine learning for GDSC ML members (100+)

Xkernel Coding Club of Griet :
Role: Web dev Lead
We organized a couple of coding contests in our college and almost 150+ members attended the contest.

Certifications

Essentials in C

CCNA - Introduction to Networks

Google Cloud Computing fundamentals