



PROFILE

I am passionate about Data Science and enthusiastic about data analytics. Deeply interested in Generative AI, I am eager to upskill in this field and explore emerging technologies. Committed to lifelong learning, I seek to leverage advanced tools to expand my knowledge and capabilities. Driven by curiosity and innovation, I strive to make meaningful and impactful contributions in the fields of Data Science and AI.



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<https://github.com/ROHID-ai>

EDUCATION

B.Tech in Artificial Intelligence and Data Science - 6.58 CGPA

Sri Ramakrishna Engineering College,
Coimbatore | 2023 - Present

Diploma in Computer Science Engineering - 87%

Pavai Polytechnic, Tamil Nadu | 2023

SSLC - 95%

Sri Swamy Matric.Higher.Secondary.School - 2020

PROJECTS

Smart Vision Assistance Using AI for Visually Impaired People

- Designed and developed an AI-based assistive system enabling visually impaired users to detect objects, recognize familiar faces, and identify Indian currency notes in real time.
- Integrated YOLOv8 for object and currency detection, and face_recognition library for face identification, paired with a text-to-speech engine for instant audio feedback.
- Built a user-friendly interface using Flask and PyQt5, allowing users to activate detection modes and register new faces easily via voice commands or button controls.

Hack Blocker – AI-powered Anti-Phishing Chrome Extension

- Designed and implemented a browser extension to detect phishing websites in real time by integrating a machine learning backend (Gradient Boosting Classifier).
- Engineered feature extraction methods to analyze URL structure, security and domain attributes, and user behavior patterns for accurate phishing detection.
- Developed a Flask API to classify active URLs and provide instant feedback to users, promoting cybersecurity awareness and safer browsing.

People Head Counting Using YOLOv8

- Built a real-time people counting web application leveraging Flask, OpenCV, and YOLOv8 for accurate human detection and tracking.
- Integrated custom boundary-based counting logic to differentiate people entering and exiting, improving count precision in crowded scenes.
- Developed an interactive dashboard with live video streaming and dynamic count visualization for real-time monitoring and analytics.

SKILLS

PROGRAMMING LANGUAGES:

PYTHON, JAVA

DATABASES:

SQL, NOSQL

DATA VISUALIZATION:

POWER BI, TABLEAU

MACHINE LEARNING:

MODEL DEVELOPMENT, DATA PREPROCESSING, AND EVALUATION

GENERATIVE AI:

BASIC KNOWLEDGE AND UNDERSTANDING OF FOUNDATIONAL CONCEPTS

STRENGTH

- Adapt quickly to change and work well with others to get results.
- Use both analysis and creativity to solve real problems effectively.

LANGUAGE

English Tamil

CERTIFICATION

DATA ANALYTICS

Data Analytics (30-Day Program)

Issued by: Novi Tech | Completed on: 13th June 2024

Data Analytics

Issued by: HP | Completed on: 18th October 2024

MACHINE LEARNING & DEEP LEARNING

Fundamentals of Deep Learning

Issued by: Nvidia | Completed on: 18th September 2024

Machine Learning (30-Day Program)

Issued by: Novi Tech | Completed on: 23rd December 2024

REAL-TIME AI APPLICATIONS

Building Real-Time Video AI Applications

Issued by: Nvidia | Completed on: 8th February 2025

GENERATIVE AI & TRANSFORMERS

Generative AI with Diffusion Models

Introduction to Transformer-Based Natural Language Processing

Issued by: Nvidia | Completed on: 15th February 2025

DATABASES

MongoDB

Issued by: Nvidia | Completed on: 3rd January 2025

ORACLE

Oracle Fusion Cloud Applications Foundations

Issued by: Oracle | Completed on: 7th April 2025