

Sandhanapandiyan

AI & Machine Learning Associate | [Portfolio](#)

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EDUCATION

Jayam College of Engineering and Technology

2021 - 2023

Master of Computer Applications AI & ML

Bharathidasan Engineering College

2017 - 2021

Bachelor of Engineering

PROJECTS

Cyber Bulling On Socialmedia

Natural Language Processing | Support Vector Machines | [Link](#)

Researched and developed strategies to mitigate cyberbullying on social media platforms, promoting a safer online community.

Phishing URL Detection

Blacklists and Whitelists(PhishTank, Google Safe Browsing)| [Link](#)

Developed and implemented algorithms for real-time detection of phishing URLs, enhancing online security and reducing user exposure to fraudulent websites.

Online Transaction Using Face ID

DeepFace|Convolutional Neural Networks (CNNs)| [Link](#)

Integrated Face ID authentication with multi-layered encryption, enhancing data privacy and making online transactions more resilient to identity theft and fraud.

Self Driving car Tracking System

Object Detection(Faster R-CNN)|Dijkstra's algorithm
Bayesian Fusion|Deep SORT | [Link](#)

plans optimal paths for safe driving. Deep learning models, sensor fusion, and SLAM algorithms work in tandem to provide real-time updates, allowing the car to make decisions and adjust its path dynamically

SKILLS

Python Programming
AI & ML
Database management
Git & GITHUB
Full stack development
Cloud Platforms: AWS (EC2, S3, RDS, Lambda), GCP

AWARDS

Hackerrank python skill

Certificate:Get certified in technical skills by the HackerRank Certification Test [Link](#)

Guvi python skill Certificate

Get certified in technical skills by theGuvi Certification Test [Link](#)

Perfect Elearnning Skill Certificate

Completed a comprehensive program on Perfect eLearning with Google Developer recognition, covering essential ML techniques and real-world application of algorithms.

LANGUAGES

English ,Tamil

