Divakar

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OBJECTIVE

Aspiring machine learning professional with proficiency in Python and Java. Passionate about exploring innovative techniques and fostering team collaboration. Actively engaged in hackathons and events. Eager to contribute to impactful AI/ML projects while continuously expanding knowledge and skills. Excited to collaborate with like-minded professionals who share a passion for technology and problem-solving.

EDUCATION

HSC - 86% (2022)	Undergraduate	2022 - 2026
Karthigeyan Matriculation higher secondary school, Vadapalani, Chennai - 26.	**Saveetha Engineering College** B.tech (Artificial Intelligence and Machine learning) Expected Graduation: 2026	Current CGPA (Till 5th Semester): 7.9/10	

PROJECTS

Violence Behavior Detection using MobileNetV2

Developed a real-time violence behavior detection system using MobileNetV2, Aimed at enhancing residential safety, the project uses deep learning and computer vision techniques to identify aggressive or violent actions in real time.
- Utilized MobileNetV2 for object and activity recognition due to its speed and accuracy in edge devices.

Convolutional Denoising Autoencoder

Developed a deep learning-based solution to denoise and reconstruct handwritten digit images from the MNIST dataset.
Tech Stack : Python, TensorFlow, Keras, NumPy, Matplotlib

Internship

Arjun vision tech solution (August 2024) A company specializing in machine learning solutions
- Gained hands-on experience in machine learning during the internship
- Worked on real-world problems improving understanding of algorithms
- Completed a project during the internship at Arjun Vision Tech Solutions

KEY Achievements

First Prize in Symposium

We have attended a digital image processing coding event and secured first prize in the symposium conducted by Alpha Engineering College.

Technical SKILLS

- **Programming Languages** : Proficient in Python , java , and C language
- **Machine Learning** : Hands-on experience with ML model building, training, and evaluation. Hands-on experience with ML frameworks: TensorFlow, Keras, NumPy, Pandas, Matplotlib
- **Cloud Computing** : Practical experience with AWS services (EC2, S3, Lambda, etc.)

CERTIFICATES

Natural Language Processing with TensorFlow - Coursera

Convolutional neural network inTensorflow - Udemy

Introduction to artificial intelligence - LinkedIn Learning

Networking Basics - Cisco Networking Academy