DURGARAM R

AI Engineer

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EXPERIENCE

Internship
Cognify Technologies   📅 06/2024 - 07/2024   📍 India.Remote

Cognify Technologies is a remote-first tech company specializing in AI, automation, and cloud-based solutions for enterprise clients
- Assisted in the development of AI-based solutions for internal automation tasks.

Internship
TRIOS TECHNOLOGIES PVT

📅 08/2024 - 09/2024   📍 Chennai, India

TRIOS Technologies is a Chennai-based IT firm offering software development, embedded systems, and IoT-based industrial solutions
- Contributed to a real-time IoT dashboard for industrial sensor monitoring.

Machine Learning Intern
prodigy infoTech   📅 02/2025 - 03/2025   📍 India.Remote

Prodigy InfoTech is a virtual internship platform
- Trained and evaluated machine learning models for classification tasks using Scikit-learn and Pandas.

EDUCATION

Bachelor of Technology (B.Tech)–Artificial Intelligence and Data Science
Anna University   📅 2021 - Present

GPA
8.09 / 10.0

PROJECTS

Face Recognition Attendance System Using Raspberry Pi
📅 10/2023   📍 Chennai, India
- This project automates the attendance process using facial recognition, deployed on a Raspberry Pi for portability and low-power operation. It captures live images through the Pi camera, detects and recognizes faces, and logs attendance data in real-time.
- Technologies used include **Python, OpenCV, face_recognition library**, and **SQLite/MySQL**, with the Raspberry Pi serving as the core processing unit.

Vehicle Monitoring System
📅 11/2024   📍 Chennai, India
- Designed to monitor vehicle movement and detect objects (e.g., cars, trucks) in real-time for applications such as traffic surveillance or fleet management.
- The system uses **YOLOv5 (or YOLOv8)** for object detection and **DeepSORT** for multi-object tracking. Developed using **Python, OpenCV**, and optionally integrated with **IoT or edge devices** for real-world deployment.

LANGUAGES

English   Advanced ●●●●○   Tamil   Native ●●●●●

SUMMARY

Technically proficient and highly driven B.Tech student specializing in Artificial Intelligence and Data Science. Adept at building and deploying machine learning models, with growing expertise in deep learning, data processing, and intelligent systems. Embraces a hands-on learning approach inspired by real-world applications, consistently translating academic knowledge into impactful personal projects. Focused on developing next-generation AI solutions that solve meaningful problems at scale.

KEY ACHIEVEMENTS

💎 Your Achievement
1) **Developed multiple AI/ML projects** including computer vision and prediction models using Python, Scikit-learn, and TensorFlow—demonstrating practical knowledge beyond coursework.

2) **Built an AI-powered crop disease prediction model** as part of an innovative real-world application, integrating deep learning with agricultural intelligence.

SKILLS

Python   HTML   CSS   SQL

scikit-learn   TensorFlow   PyTorch

CNNs   RNNs   NLP   Quick learner

CERTIFICATION

Complete Data science,Machine Learning,DL,NLP Bootcamp
Udemy

Advanced Learning Algorithms
Coursera -Deeplearning.AI